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User Guide

LG-P505R

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www.lg.com

LG-P505R User Guide

Congratulations on your purchase of the advanced and compact LG-P505R phone by LG, designed to operate with the latest digital mobile communication technology.

Some of the content in this manual may differ from your phone depending on the software of the phone or your service provider.

This handset is not recommended for the visually impaired because of its touch-screen keypad.

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Important notice

Please check to see if any problems you have encountered with your phone are described in this section, before taking the phone in for service or calling a service representative.

1. Phone memory

When available space on your phone memory is less than 10%, your phone can not receive a new message.

You need to check your phone memory and delete some data such as applications or messages to make more memory available.

To manage the application

1 On the home screen, touch **Application Launcher** icon and select **Settings**> **Applications**> **Manage applications**.

2 When all applications appear, scroll and select the application you want to uninstall.

3 Tap **Uninstall** and touch OK to uninstall application you desired.

2. Optimising Battery Life

You can extend your battery's life between charges by turning off features that you don't need to run constantly in the background. You can also monitor how applications and system resources consume battery power.

To extend the life of your battery

- Turn off radio communications that you aren't using. If you aren't using Wi-Fi, Bluetooth, or GPS, turn them off.
- Turn down screen brightness and set a shorter screen timeout.
- Turn off automatic syncing for Google mail™, Calendar, Contacts, and other applications.
- Some applications you've downloaded may cause your battery's life to be reduced.

To check the battery charge level

1 On the home screen, touch **Application Launcher** icon and select **Settings**> **About phone**> **Status**.

2 The battery status (charging, not charging) and level (as a percentage of fully charged) are displayed at the top of the screen.

To monitor and control what uses the battery

1 On the home screen, touch **Application Launcher** icon and select **Settings**> **About phone**> **Battery use.**

2 The top of the screen displays battery usage time. Either how long since last connected to a power source or, if connected to a power source, how long you were last running on battery power. The body of the screen lists applications or services using battery power from greatest amount to least.

3. Installing an Open Source OS

If you install an open source OS on your phone, and do not use the OS provided by the manufacturer, this may cause your phone to malfunction.

⚠ **WARNING:** If you install and use an OS other than the one provided by the manufacturer, your phone is no longer covered by the warranty.

⚠ **WARNING:** To protect your phone and personal data, download applications only from trusted sources, such as Android Market™. If some applications are not properly installed on your phone, your phone may not work normally or a serious error can be occurred. You will need to uninstall those applications and all of its data and settings from the phone.

4. Using Unlock pattern

Set unlock pattern to secure your phone. Opens a set of screens that guide you through drawing a screen unlock pattern.

> ⚠ **WARNING:** Precautions to take when using the Pattern Lock, It is very important that you remember the unlock pattern you set. You will not be able to access your phone if you use an incorrect pattern 5 times. You have 5 opportunities to enter your unlock Pattern, PIN or Password. If you used all the 5 opportunities, you can attempt it after 30 seconds.

When you can't recall your unlock Pattern, PIN, or Password:

If you logged in Google account on the phone and failed to use correct pattern 5times, tab the Forgot pattern button. Then, you are required to sign in with your Google account to unlock your phone.

If you haven't created a Google account on the phone or you forgot it, you need to perform a hard reset.

Caution: If you perform a hard reset, all user applications and user data will be deleted. Please remember to back up any important data before performing a hard reset.

1. Turn the power off.
2. Press and hold the following keys at the same time for 10 seconds: Power/Lock Key + Home Key + Up Volume Key.
3. When the power turns on, release these keys.

5. Using Safe Mode and Hard Reset

Using Safe mode

*** To recover from malfunction state of your phone**

1. Turn off your phone and reboot. While your phone is powering back on, press and

hold the Menu key during Android Logo is displayed. Your phone will boot all the way to the main screen and display "safe mode" in lower left corner.

2 Select **Settings**> **Applications**>**Manage applications**, and choose the application then select an **Uninstall** icon.

3 After uninstalling the application, turn off and reboot your phone.

* **Using Hard Reset (Factory Reset)**

If using Safe Mode does not restore your phone to the original condition, use a **Hard Reset** to initialize your phone.

1 Turn the power off.

2 Press and hold the following keys at the same time for 10 seconds: Power/Lock Key + Home Key + Up Volume Key.

3 When the power turns on, release the keys.

⚠ WARNING

If you perform a Hard Reset, all user applications and user data will be deleted. Please remember to back up any important data before performing a **Hard Reset.**

6. Connecting to Wi-Fi networks

To use Wi-Fi on your phone, you access a wireless access point, or “hotspot.” Some access points are open and you can simply connect to them. Others are hidden or implement other security features, so you must configure your phone so it can connect to them.

Turn off Wi-Fi when you're not using it, to extend the life of your battery.

To turn Wi-Fi on and connect to a Wi-Fi network

1 On the home screen, touch **Application Launcher** icon and select **Settings** > **Wireless & networks**.

2 Touch **Wi-Fi** to turn on WIFI and open WI-FI settings to scan for available WI-FI networks.

- List of available Wi-Fi networks is displayed. Secured networks are indicated by a lock icon.

3 Touch a network to connect to it.

- If the network is open, you are prompted to confirm that you want to connect to that network by touching **Connect**.
- If the network is secured, you're prompted to enter a password or other credentials. (Ask your network administrator for details.)

4 The Status bar displays icons that indicate Wi-Fi status.

7. Using a microSD card

Pictures, along with Music and Video files, can only be saved to external memory.

Before using the built-in camera, you need to insert a micro SD memory card to your phone first.

Without inserting a memory card, you will not be able to save pictures and video you had taken.

⚠ WARNING:
Do not insert or remove the memory card when the phone is on. Otherwise, it may damage the memory card as well as your phone, and the data stored on the memory card may be corrupted. To remove the memory card safely, please select **Home Screen > Applications Settings > SD card & phone storage settings > Unmount SD card**.

8. Opening and Switching Applications

Multi-tasking is easy with Android because open applications keep running even when you open another application. There's no need to quit an application before opening another. Use and switch among several open applications. Android manages each application, stopping and starting them as needed, to ensure that idle applications don't consume resources unnecessarily.

To stop the application you use

1 On the home screen, touch **Application Launcher** icon and select **Settings**> **Applications**> **Manage applications**.

2 Scroll to the desire application and touch **Force stop** to stop using it.

TIP Getting back to recent Apps

- Press and hold Home key, then a screen will display a listing the applications you used recently

9. Copy LG PC Suite from SD Card

The LG PC Suite IV is a program that helps you connect your mobile phone to a PC using a USB data communication cable, so that you can use the functions of the mobile phone on your PC.

Major Functions of the LG PC Suite IV

- Create, edit and delete phone data conveniently
- Synchronize data from a PC & phone (Contacts, Calendar, Message(SMS), Bookmark,Call log)

- Transfer multimedia files (photos, videos, music) conveniently with a simple drag & drop between a PC and phone
- Transfer the messages from a phone to a PC
- Use your phone as a Modem
- S/W update without loosing your data

Installing LG PC Suite from your microSD memory card

1 Insert your microSD memory card to your phone. (It may already be inserted to your phone.)

2 Before connecting the USB data cable, make sure that the **Mass storage only** mode is enabled on your phone. (On the applications menu, choose **Settings** > **SD card & phone storage**, then select **Mass storage only** check box.)

3 Connect your phone through USB data cable to your PC.

4
- In the status bar, drag the USB icon.
- Choose USB Connected and Mount.
- You can view the mass storage content on your PC and transfer the files.

5
- Copy the 'LGPCSuiteIV' folder from your mass storage to your PC.
- Run 'LGInstaller.exe' file on your PC and follow the instructions.

* When LG PCSuite IV installation completed, disable **Mass storage only** mode to run LG PCSuite IV.

NOTE: Please do not remove or delete other program file installed on your memory card this may cause to damage your pre-installed application on the phone.

10. Connecting your phone to a computer via USB

NOTE: To synchronize your phone via USB cable with your PC, you need to install the LG PC suite program on your PC. You can download this program from the LG website (www.lg.com) .Go to http://www.lg.com and select your region, country & language.Visit LG Website for more information. As PC suite is embedded at inboxed SD card. you can simply copy it to your PC.

LG-P505R does not support:

- PC Connection via Bluetooth
- LG Air Sync (Web Sync, R-Click)
- OSP (On Screen Phone)
- To-do in Calendar
- Memo
- Java Application

User's guide for PC Suite IV is in Help menu after install PC Suite IV.

1 Use the USB cable with your phone to connect the phone to a USB port on your computer. You receive a notification that the USB is connected.

2 Open the Notification drawer and touch USB connected.

3 Touch **Mount** to confirm that you want to transfer files between your phone 's microSD card and the computer.

When the phone is connected as USB storage, you receive a notification. You phone's microSD card is mounted as a drive on your computer. You can now copy files to and from the microSD card.

11. Unlock screen when using data connection

Your display will go dark if untouched for a period of time when using data connection. To turn on your LCD screen, just touch it.

Note: When uninstalling PC Suite IV, USB and Bluetooth Drivers are not automatically removed. Therefore, they must be uninstalled manually.

Tip! To use a microSD card on you phone again, you need to open the Notification drawer and touch "Turn off USB storage".

During this time, you can't access the microSD card from your phone, so you can't use applications that rely on the microSD card, such as Camera, Gallery and Music.

To disconnect your phone from the computer, carefully follow your computer's instructions to disconnect USB devices correctly, to avoid losing information on the card.

1. Safely disconnect the USB device on your computer.
2. Open the Notification drawer and touch **Turn off USB storage**.
3. Touch **Turn off** in the dialog that opens.

12. Hold Phone straight up

Please hold the mobile phone straight up as a regular phone.

While making/receiving calls or sending/receiving data, try to avoid holding the lower part of the phone where the antenna is located. It may affect call quality.

13. When Screen freezes

If the phone does not respond to user input or the screen freezes:

Remove the battery, insert it again and power on the phone. If it still does not work, please contact to the service centre.

14. Do not connect your phone When you power on/off your PC

Make sure to disconnect your phone and PC via data cable as it might have errors on your PC.

Understanding Your Phone

Front View

To turn on the phone, press and hold Power key for 3 seconds. To Turn off the phone, press Power key for 3 seconds and touch Power Off.

1. Proximity and Light Sensors
2. Phone icon
3. Menu Key
4. Home Key
5. Power/Lock Key
6. Earpiece
7. Touchscreen
8. Application Launcher icon
9. Search Key
10. Back Key

1 **Proximity and Light Sensors** senses proximity towards other objects (such as your head) so that touch commands are not accidentally activated during a call. The Light Sensors sense ambient light and adjust the screen backlight accordingly (if Automatic brightness is activated).

⚠ **WARNING:** Placing a heavy object on the phone or sitting on it can damage its LCD and touch screen functionalities. Do not cover

the protective film on the LCD's proximity sensor. This can cause the sensor to malfunction.

2 **Phone icon** accesses phone, Call log, Contacts, and Favorites.

3 **Menu Key** opens a context menu with options that affect the current screen of an application.
Tip! Press Menu key whenever you tap an application to check what options are available.

4 **Home Key** returns to the Home screen. If you're already viewing one of the Home screen extension panes, it navigates you to the central Home screen pane. Press and hold to view the most recently used applications.

5 **Power/Lock Key** locks/unlocks the screen. Press and hold to open the phone options menu (for the following options): Silent mode, Airplane mode, and Power off.

6 **Earpiece** lets you hear callers and automated prompts.

7 **Touchscreen** displays all the information needed to operate your phone, such as applications, call status, date, time, signal status, and battery strength.

8 **Application Launcher icon** opens the Launch menu to view installed applications.

9 **Search Key** opens Quick Search Box™, from the Home screen to search the phone and the web. In many applications, you may touch this key to search within the application itself. Touch and hold to open Google™ search by voice.

10 **Back Key** returns to the previous screen. Also closes pop-up display items such as menus and dialog boxes.

Understanding Your Phone

Rear View

1 **Headset Jack** allows you to plug in an optional headset for convenient, hands-free conversations. The 3.5mm jack also allows you to plug in headphones to listen to music.

2 **Camera Lens** use for taking pictures and recording videos. Keep clean for optimal performance.

3 **Volume Keys** allow you to adjust the ringer, media volumes and the in-call volume during a call.

4 **Back Cover** encloses the battery compartment.

5 **Accessory/Charger Port** allows you to connect the phone charger, USB cable, or other compatible accessories.

6 **Microphone** transmits your voice to the other caller and to Voice-activated functions.

Tip! LG-P505R does not support Video call.

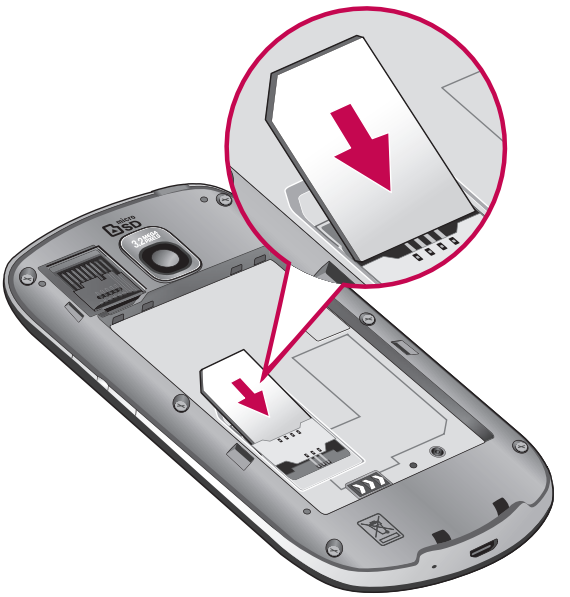
Tip! If LG-P505R has errors when you use it or you cannot turn it on, remove battery, install it again and turn it on after 5 seconds.

Installing the SIM card and battery

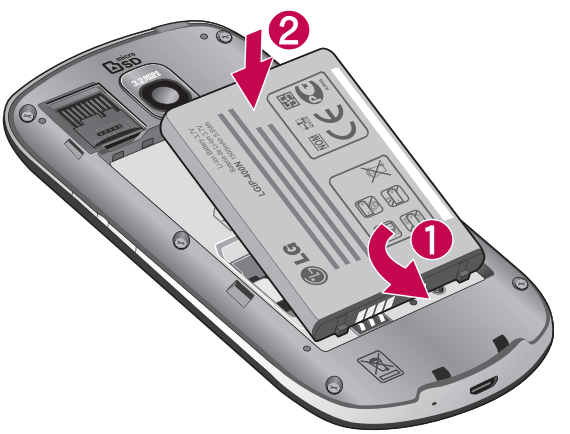
Before you can start exploring your new phone, you'll need to set it up. To insert the SIM card and battery:

1 Hold the phone with both hands and use the fingernail cutout at the top of the phone to pull open the battery cover (as shown below).

2 Slide the SIM card into the SIM card slot. Make sure the gold contact area on the card is facing downwards.



3 Align the battery contacts with the terminals near the bottom of the phone, then press the battery into place.



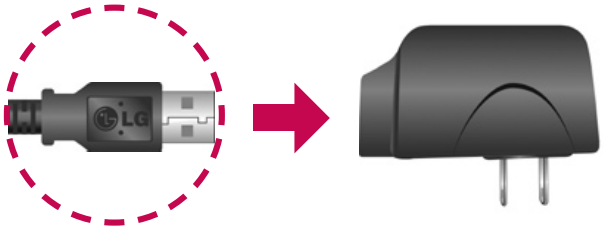
4 Replace the battery cover over the back of the phone (as demonstrated below). Apply a steady downward pressure until the battery cover clicks into place.

Charging your phone

Your LG-P505R comes with a wall adapter and a USB cable which connect together to charge your phone. To charge your phone:

NOTICE: Please use only an approved charging accessory to charge your LG phone. Improper handling of the charger port, as well as the use of an incompatible charger, may cause damage to your phone and void the warranty.

1 Connect the wall adapter and USB cable as shown. The LG logo on the USB cable should face toward you.



2 Gently uncover the Accessory/ Charger port, then plug one end of the USB cable into the phone's charger port and the other end into an electrical outlet. The charge time varies depending upon the battery level.

NOTE: The battery must be fully charged initially to improve battery lifetime. The LG-P505R has an internal antenna. Be careful not to scratch or damage this rear area, as that will cause loss of performance.

Battery temperature protection

Though extremely rare, if the battery becomes overheated, the phone will automatically turn off.

Battery charge level

You can find the battery charge level at the top right of the screen. When the battery level becomes low, the phone will notify you. Once the battery level becomes exceedingly low, the phone will shut off without notice. As a result, unsaved items may be lost.

Charging with USB

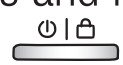
You can use your computer to charge your phone. To be able to charge with the USB cable, you need to have the necessary USB drivers installed on your PC first. Connect one end of the USB cable to the charger port on your phone and connect the other end to a USB port on your PC. It is best to use the rear USB port when connecting to a desktop PC. The USB hub should be powered by an external power source.

NOTES:

- Low-power USB ports are not supported, such as the USB port on your keyboard or bus-powered USB hub.

Turning the Phone On and Off

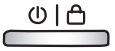
Turning the phone on

Press and hold the **Power/Lock Key**  for a couple of seconds.

NOTE: The battery must be fully charged initially to improve battery lifetime.

The LG-P505R has an internal antenna. Be careful not to scratch or damage this rear area, as that will cause loss of performance.

Turning the phone off

1. Press and hold the **Power/Lock Key**  until the pop-up menu appears.
2. Touch **Power Off** in the pop-up menu.
3. Touch **OK** to confirm that you want to turn off the phone.

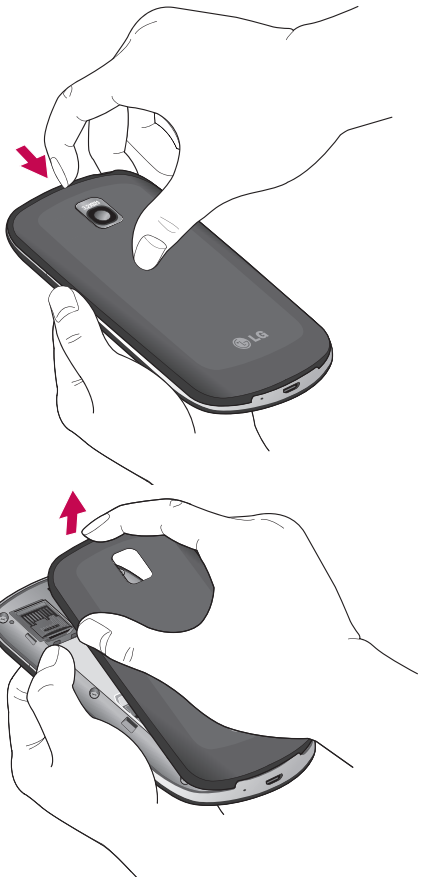
Installing the memory card

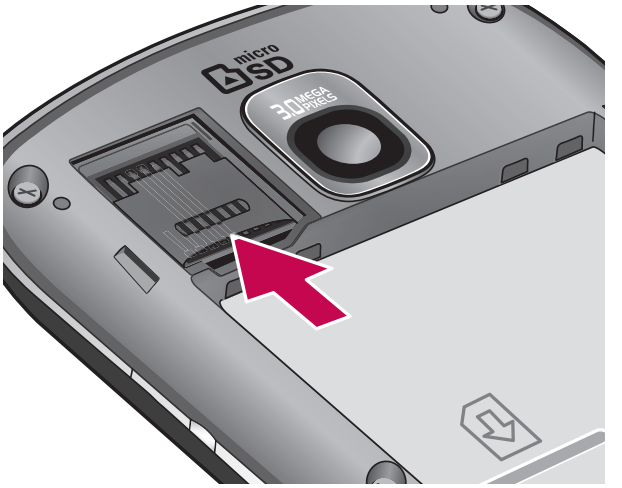
To store multimedia files, such as captured images and videos, you must insert a memory card into your phone.

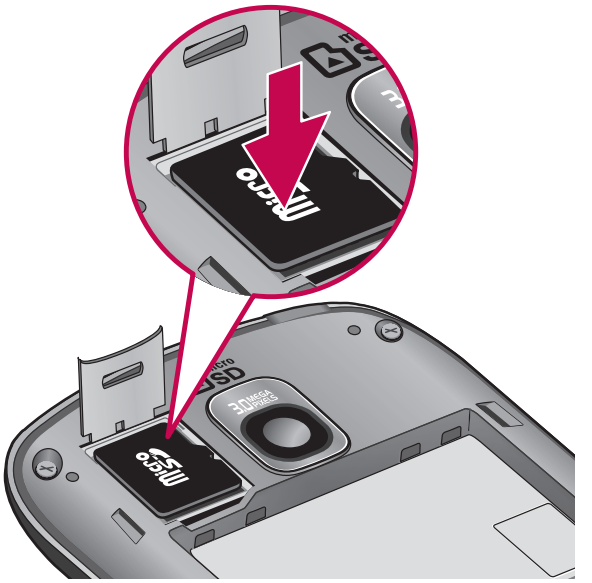
NOTE: The LG-P505R supports upto a 32GB memory card.

To insert a memory card:

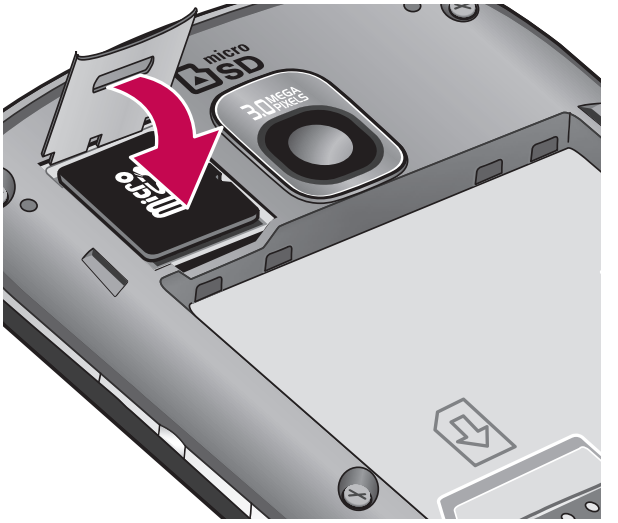
1 Turn the phone off before inserting or removing the memory card. Remove the back cover.







2 Slide the slot protection upwards to unlock it and flip it up to open it. Then insert the memory card into the slot, making sure the gold contact area is facing downwards. Then flip the slot protection down to close it.



3 Slide the slot protection downwards to lock it and replace the battery cover.

WARNING! Do not insert or remove the memory card when the phone is on. Otherwise, it may damage the memory card as well as your phone, and the data stored on the memory card may be corrupted.

Formatting the memory card

Your memory card may already be formatted. If it isn't, you must format it before you can use it.

NOTE: All files on the memory card are deleted when you format it.

1 From the Home screen, touch the **Application Launcher icon** to open the applications menu.

2 Scroll and touch **Settings**.

3 Scroll and touch **SD card & phone storage**.

4 Touch **Unmount SD Card** and **OK** to confirm.

5 Touch **Format SD card**, then confirm your choice.

6 If you set the pattern lock, enter the pattern lock and select **Erase Everything.** The card will then be formatted and ready to use.

NOTE: If there is content on your memory card, the folder structure may be different after formatting since all the files will be deleted.

TIP: If your memory card is already unmounted, you can use the following step to format it. Touch the **Application Launcher icon → Settings → SD card & phone storage → Format SD Card.**

Your Home screen

Getting to Know the Home Screen

The Home screen is your starting point to access all the features on your phone. It displays application shortcuts, icons, widgets, and other features.

Status Bar

Shows device status information including the time, signal strength, battery status, and notification icons.

Application Icon

Touch an icon (application, folder, etc.) to open and use it.

Quick Icons

Provide easy, one-touch access to functions.

Applications Launcher Icon

Touch to open the Launch screen to view installed applications.

Quick Icons

On the home screen, the Quick Icons are located on a bar along the bottom of the Home screen and the Launch screen.

: opens the **Phone** application which displays the dialpad so you can dial a number. It also includes additional tabs across the top of the screen to access Call log, Contacts and Favorites.

: use the Contacts application to add, view, and communicate

Your Home screen

with your friends, family, and acquaintances.

: opens the Launch screen which displays phone options and applications.

: opens the **Messaging** application.

: open the browser to start surfing the web.

To return to the Home screen

Press the Home Key at any time, from any application.

To view other Home screen panels

Slide your finger left or right across the Home screen. The Home screen spans five panels, allowing more space for icons, widgets, shortcuts, etc.

Location Indicator

The dots indicate which Home screen pane you are viewing.

Touch screen tips

Here are some tips on how to navigate around your phone.

Touch - To choose a menu/ option or open an application, touch it.

Touch and hold - To open an options menu or grab an object you want to move, touch and hold it.

Drag - To scroll through a list or move slowly, drag across the touch screen.

Flick - To scroll through a list or move quickly, flick across the touch screen (drag quickly and release).

Swiping - Swiping means to quickly drag your finger vertically or horizontally on the screen to move the area of focus or to scroll through a list. For example: slide your finger left or right on the Home screen to scroll among the seven panels.

Rotating the screen - The screen can be rotated to change the orientation from portrait (default) to landscape. For example: rotate the phone horizontally to change to landscape orientation when entering text to provide a larger keyboard or when viewing web content to minimize scrolling.

NOTE:

- To select an item, touch the icon.
- Do not to press too hard; the touch screen is sensitive enough to pick up a light, firm touch.
- Use the tip of your finger to touch the option you want. Be careful not to touch any other keys.

Lock your phone

When you are not using your LG-P505R, press the Power Key to lock your phone. This helps prevent accidental presses and

saves battery power.

Also, if you do not use the phone for a while, the Home screen or current screen you are viewing, is replaced with the lock screen to conserve battery life.

- If there are any programs running when you lock the phone, they may be still running in lock mode. It is recommended to exit all programs before entering lock mode to avoid unnecessary charges. (e.g., phone call, web access and data communications)

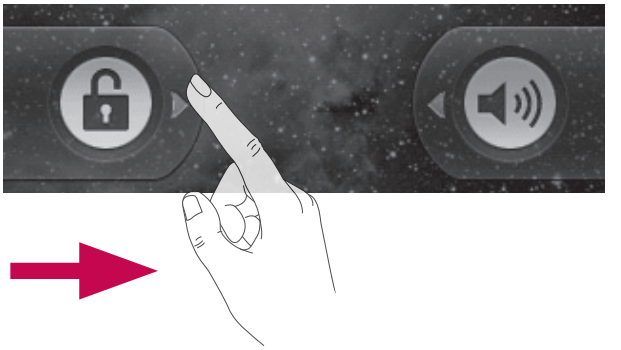
Setting an unlock pattern:
You can draw your own unlock pattern by connecting four or more dots.

When the phone's screen locks and you have set an unlock pattern, press the Power Key and draw the pattern to unlock it.

Caution: To set an unlock pattern, you must first create a Google mail account.

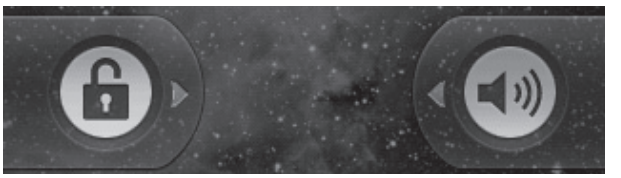
Unlock screen

Whenever your LG-P505R is not in use, it will return to the lock screen. Drag the unlock icon from left to right to unlock the screen.



Silent Mode

From the Notification Bar, touch the icon to set Silent Mode (the icon is displayed if the Vibrate menu is set to Never or Only when not in Silent mode; otherwise, the icon is displayed). If you don't have an unlock pattern set, simply drag to the left.



To wake up your phone, press the **Menu**, **Home**, **Back, Search** or **Power** keys. The lock screen will appear. Touch the lock icon and drag your finger to the right to unlock your Home screen. The last screen you were working on opens.

Home screen

Simply swipe your finger to the left or right to view your Home screen panels.
You can also customize each panel with widgets and shortcuts to your favorite applications, folders and wallpapers.

NOTE: Some screen images may be different depending on your phone provider.

In your LG Home screen, you can view quick keys at the bottom of the screen. The quick keys provide easy, one-touch access to the functions you use the most.

Touch the **Application Launcher icon** at the bottom of the screen to view all your installed applications.

Adding widgets to your Home screen

You can customise your Home screen by adding shortcuts, widgets, or folders to it. For more convenience using your phone, add your favorite widgets on the Home screen.

1 From the Home screen, touch the **Menu Key** and select **Add** or touch and hold an empty part of the Home screen.

2 On the **Add to Home screen** menu, touch the type of item you want to add.

For example, touch **Folders** from the list to add a specific folder to your Home screen. Then browse and choose the specific folder you want to add.

3 You will see a new folder's icon on the Home screen. Touch and hold the icon to drag it to the desired location on the desired panel. Release your finger from the screen to place the icon on the desired location.

TIP: To add an application icon to Home screen, touch and hold an application icon from the Application menu and drag it to the desired panel.

TIP: To delete an application icon from the Home screen, touch and hold the shortcut icon you want to delete and drag it to the icon at the bottom of the screen.

Getting back to a recently used applications

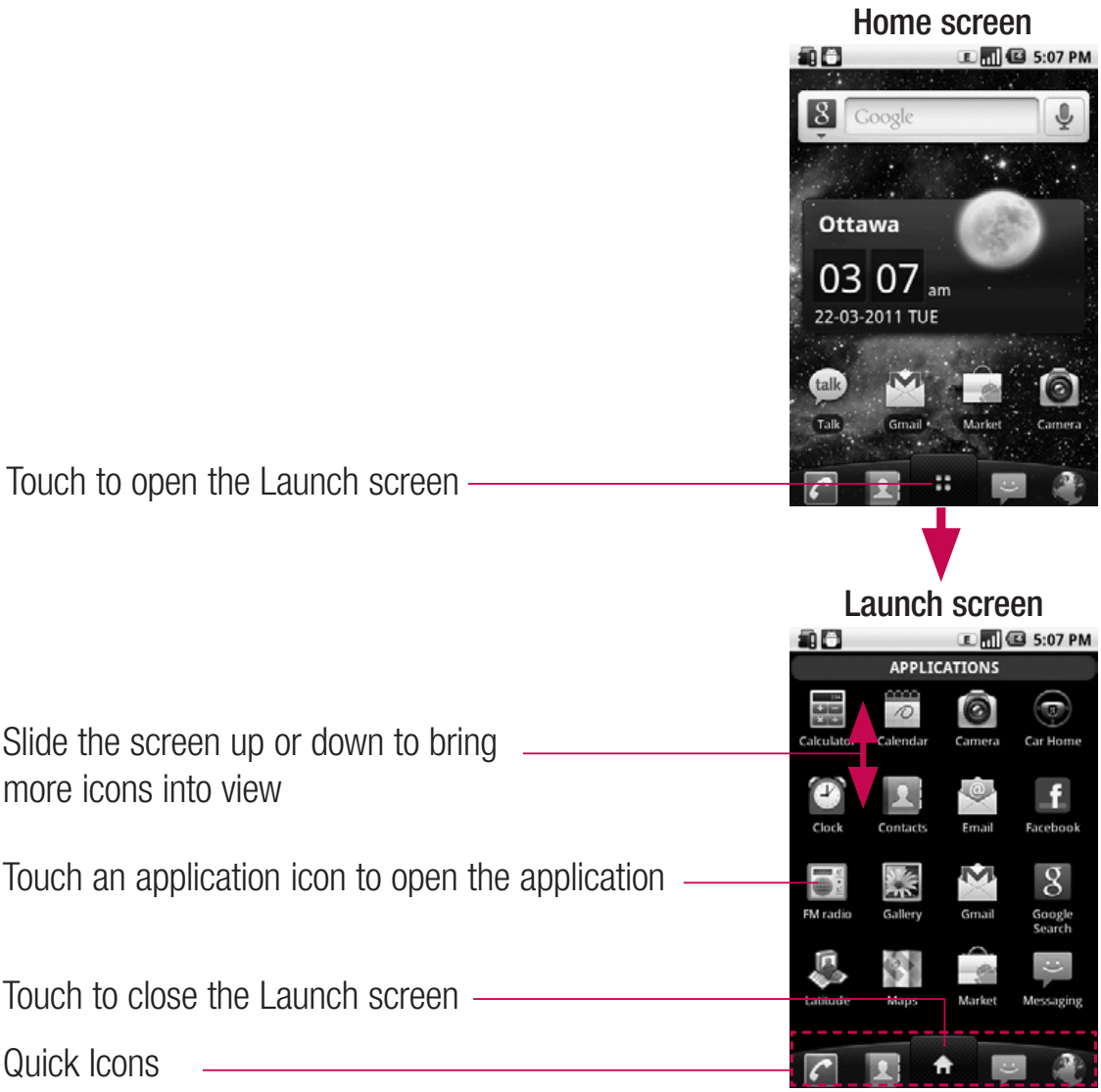
1 Press and hold the **Home Key**. The screen will show you a pop-up with icons of applications that you've used recently.

2 Touch an icon to open the desired application or touch the **Back Key** to return to the current application or screen.

Applications: How to View, Open and Switch

All of the applications on your phone, including any applications that you downloaded and installed from Android Market™ or other sources, are grouped together on one Launch screen that you can access from your Home screen. If you have more applications, you can slide the screen up or down to view them.

Overview



Your Home screen

Opening and Closing the Launch screen

Opening the Launch screen

With your LG-P505R, it's easy to access the Launch screen no matter what feature you're currently using. Simply press the Home key , then touch the **Application Launcher icon** .

Closing the Launch screen

To manually close the Launch screen, press the Home Key .

NOTE: The Launch screen closes automatically when you touch an icon to open its application. Dragging an icon onto your Home screen also closes the Launch screen automatically.

Customizing the Launch Screen

Items on the Launch screen are listed alphabetically. You can customize the Launch screen by moving the position of applications so that you don't have to scroll the screen up /down to access the applications you use most. You can also add additional categories to the screen to organize your files.

Moving application positions

1. From the Home screen, touch the **Application Launcher icon** .
2. Press the **Menu Key** and touch **Move item**.
3. Drag the application icon to the position you want, then lift your finger. Application icons to the right of the position shift accordingly.

Adding a category

1. From the Home screen, touch the **Application Launcher icon** .
2. Press the **Menu Key** and touch **Add category**.

3 Enter the category name, then touch **OK**.

Opening and Switching Applications

Multi-tasking is easy with Android™ because open applications keep running even when you open another application. There's no need to quit an application before opening another. You can use and switch among several open applications. Android manages each application, stopping and starting them as needed, to ensure that idle applications don't consume resources unnecessarily.

Opening an application

Open an application simply by touching its icon on the screen.

TIP: You can customize your Home screen with the application icons you use most often. Applications are located on the Launch screen, but you can copy any application icon to your Home screen for faster access. No matter where the icon is, on the Launch screen or your Home screen, just touch it to open and use it.

Opening multiple applications

1 Touch an application icon to open it.

2 Press the **Home Key** .

NOTE: If the application icon you want is on your Home screen, simply touch the icon to open and use it.

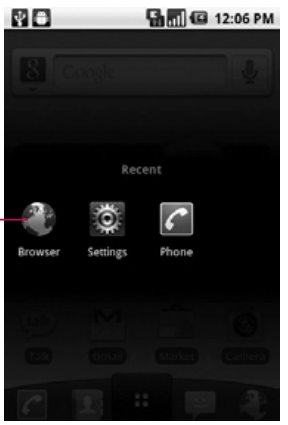
3 Touch the **Application Launcher icon** .

4 Touch the icon for the other application you want to open.

Switching between multiple applications

1 Press and hold the **Home Key** . A window opens with icons of applications that you've used recently.

2 Touch the application icon you want to open. Or touch the **Back Key** to return to the current application.



Touch an icon to open an application you've used recently.

Adding application icons to the Home screen

Customize your Home screen with the applications you use most often.

1 Open the Launch screen.

2 Touch and hold the application icon you want to add to your Home screen. Your Launch screen will be minimized so that you can place the icon on a Home screen.

3 Lift your finger to place it, or drag the icon to where you want it on the screen, then lift your finger.

Working with Menus

There are two kinds of Android menus: Options menus and Context menus.

Options menus

Options menus contain tools that apply to the activities of the current screen or application, not to any specific item on the screen. To open the available Options menu, press the **Menu Key** .

Not all applications have Options menus; if you press the **Menu**

Key on a screen that has no Options menu, nothing will happen.

Some applications have more Options menu items than can fit in the options menu; touch **More** to open the additional items.

Options menus contain items that apply to the current screen or to the application as a whole.

Touch to open more menu items.

Context menus

Context menus contain options that apply to a specific item on the screen. To open a Context menu, touch and hold an item on the screen. Not all items have Context menus. If you touch and hold an item that has no Context menu, nothing will happen.

Managing Notifications

Notification icons report the arrival of new messages, calendar events, alarms, as well as ongoing events, such as when you are in a call.

When you receive a notification, text appears briefly and the notification icon will be displayed in the Status bar.

You can open the Notifications panel to view a list of all recent notifications. Depending on your settings, you may hear a notification sound and/or the phone may vibrate.

Applications whose activities produce notifications, such as Google mail™ and Google Talk, have their own settings, which you can use to configure whether, and how, they send notifications.

To open the Notifications panel

- Touch and drag the Status bar to the bottom of the screen.
  OR
- From the Home screen, press the **Menu Key** and touch **Notifications**.
  The Notifications panel displays your wireless provider and a list of your current notifications, organized into ongoing and event-based notifications.

To respond to a notification

1. Open the Notifications panel. Your current notifications are listed in the panel, each with a brief description.
2. Touch a notification to view it. The Notification panel will close and the application that corresponds to your response will open. For example, new voicemail notifications dial your voicemail box, and network disconnect notifications open the list of configured networks so you can reconnect.

To clear all notifications

1. Open the Notifications panel.
2. Touch **Clear** at the top right of the panel.
   All event-based notifications will be cleared; ongoing notifications will remain in the list.

To close the notifications panel

Touch and drag the tab at the bottom of the Notifications panel to the top of the screen or just touch the **Back Key**. The panel will also close when you touch a notification.

Searching Your Phone and the Web

You can search for information on your phone and on the web by using the Quick Search

Box or Google search. Some applications, such as Google mail, Contacts, and Browser have the ability to search contents within those specific applications.

Along with being able to search by typing in search terms, you are also able to search by voice.

Phone and Web search using text entry

1 Press the **Search Key**.

When you press the **Search Key** on the Home screen or in other applications that support this function, the Quick Search Box will open automatically.

In some applications, such as Google mail, Contacts, and Browser, the application's own search box opens when you press the **Search Key**. This is indicated by the application's icon on the left side of the search box.

2 Press the **Menu Key** and touch **Search**. Enter the text you're searching for in the Quick Search Box.

You can use the Search preferences to configure some aspects of Google web search (for example, whether it makes suggestions below the Quick Search Box as you type), and what phone features you want to include in searches.

3 Touch the **Search icon** to search for the entered terms.

OR

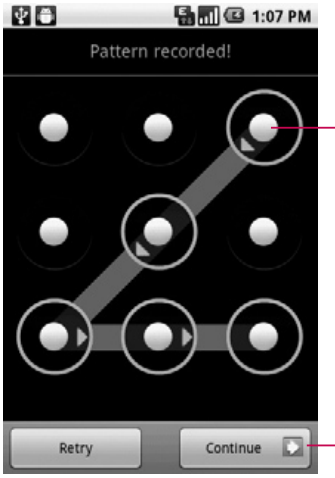
If what you want to search for what appears in the suggestions list, touch that item to conduct the search.

Locking the Screen

You can lock your screen so that only you can unlock it to make calls, access your data, buy applications, etc.

Setting a Lock Pattern for the First Time

1. Press the **Home Key** , then touch the **Application Launcher icon** .
2. Touch **Settings** → **Location & security**.
3. Touch **Set up screen lock** (under the Screen unlock section).
4. Touch **Pattern**.
5. Read the instruction screen, touch **Next** to see tutorial instructions on how to create an unlock pattern, then touch **Next** when you're ready to create your unlock pattern.
6. Draw the pattern you wish to use and touch **Continue**.
7. Redraw the pattern and touch **Confirm**.



Draw your unlock pattern.

Touch Continue to draw your pattern again to confirm it.

From then on, any time you wish to turn the phone on or unlock the screen, you will need to draw your unlock pattern.

Changing Your Lock Pattern

1. Press the **Home Key** , then touch the **Application Launcher icon** .
2. Touch **Settings** → **Location & security**.
3. Touch **Set up screen lock** (under the Screen unlock section).
4. Draw your current lock pattern.

5 Touch **Pattern** to change it (or touch **None** to remove it).

6 Draw the pattern you wish to use and touch **Continue**.

7 Redraw the pattern and touch **Confirm**.

Using a PIN or Password to Lock the Screen

1 Press the **Home Key** , then touch the **Application Launcher icon** .

2 Touch **Settings** → **Location & security**.

3 Touch **Set up screen lock** (under the Screen unlock section).

4 Enter your current lock pattern and touch **PIN** to lock the screen with a number sequence or touch **Password** for an alphanumeric lock sequence.

5 Enter the PIN or Password you wish to use and touch **Continue**.

6 Enter the PIN or Password again and touch **OK**.

From then on, you will need to enter the sequence and touch **OK** to unlock the screen.

NOTES:

- You have 5 opportunities to enter your unlock Pattern, PIN or Password. If you used all the 5 opportunities, you can attempt it after 30 seconds.
- When you can't recall your unlock Pattern, PIN, or Password:
  - If you've created a Google account on the phone, touch **Forgot pattern?** Then, you are required to sign in with your Google account to unlock your phone.
  - If you haven't created a Google account on the phone, you need to perform a factory reset.

(**Caution**: If you perform a factory reset, all user applications and user data will be deleted. Please remember to back up any important data before performing a factory reset.)

Turn the power off.

Press and hold the following keys for 5 seconds: **Power/ Lock Key + Home Key + Up Volume Key.**

When the power turns on, release these keys.

Customizing the Home Screen

You can personalize your Home screen by adding application icons, shortcuts, widgets, and other items to any Home screen. You can also change the wallpaper.

To add an item to the Home screen

1 Go to the Home screen pane where you want to add the item.

2 Press the **Menu Key** and touch **Add**.

Or, just touch and hold an empty spot on the Home screen.

NOTE: If there is no available space on a particular Home screen pane, Add will not be available; you must delete or remove an item before you can add another item. In this case, you have the option of switching to another Home screen pane.

3 In the menu that opens, touch the type of item to add.

You can add the following types of items to the Home screen:

Shortcuts: Add shortcuts to applications, a bookmarked webpage, a favorite contact, a destination in Google Maps, a Google mail label, a music playlist, and more. The shortcuts available depend on the applications you have installed.

Widgets: Add any of a variety of widget applications to your Home screen, including a clock, a music player, a picture frame, a power manager, a calendar of upcoming appointments, a News and Weather widget, and more. Note that more widgets can also be found on Android Market™.

Folders: Add a folder where you can organize other Home screen shortcuts and icons, or folders that contain all your contacts, contacts with phone numbers, or starred contacts. Your folders' contents are kept up-to-date automatically.

To move an item on the Home screen

1. Touch and hold the item.
2. Drag the item to a new location on the screen. Pause at the left or right edge of the screen to drag the item onto the next available Home screen pane.
3. When the item is where you want it, lift your finger.

To remove an item from the Home screen

1. Touch and hold the item, note that the Launch icon changes to an icon of a trash can.
2. Drag the item to the Trash Can icon.
3. When the icon turns red, lift your finger.

To change the Home screen wallpaper

1 Press the **Home Key**, then press the **Menu Key** and touch **Wallpaper**.

You can also touch and hold an empty spot on the Home screen, then touch **Wallpapers** in the menu that opens.

2 Touch **Gallery, Live wallpapers, or Wallpaper gallery**.

Touch **Gallery** to use a picture on your phone as a wallpaper. You can crop the picture before setting it as a wallpaper.

Touch **Live wallpapers** to open a list of animated wallpapers installed on your phone. Live wallpapers can change according to the time of day, respond to touching the screen, tell the time, or offer other information. Touch **Wallpaper gallery** to open a screen of wallpaper images that come with the phone. Slide the thumbnail images left and right to view the available images.

3 Touch **Set wallpaper** or **Save**.

To rename a folder

1 Touch the folder icon to open it.

2 Touch and hold the folder window's title bar.

3 Edit the current folder name.

4 Touch **OK**.

Applications

The Application menu provides quick access to the most frequently used applications.

The following pages contains a description of each application. If the application is already described in another section of this user manual, then a cross reference to that particular section is provided.

TIP: You cannot delete the preloaded applications. (Only their icons can be deleted from the screen.)

The following applications are available:

Web

Open the browser to start surfing the web. The browser is fully optimized and comes with advanced functionality to enhance the Internet browsing feature on your phone.

Calculator

This feature allows you to use the phone as a calculator. The calculator provides the basic arithmetic functions: addition, subtraction, multiplication, and division. You also have access to an advanced panel, which includes more advanced functions.

Calendar

With the Calendar feature, you can:

- Consult the calendar by month, week, or day.
- Set schedules and note anniversaries.
- Create an event list.
- Write memos to keep track of your schedule.
- Set an alarm to act as a reminder, if necessary.
- Check your event memory status.

Camera

Use your 3.2 megapixels camera feature to produce photos in JPEG format.

NOTE: A microSD card must be inserted before the Camera will take and store photos.

Contacts

Use the Contacts application to add, view, and communicate with your friends, family, and acquaintances.

Gallery

Gallery allows you to view photos and play videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact icon, and share as a picture message or other available means.

Gmail

Gmail (Google mail) is a web-based email service. Depending on your synchronization settings, Google mail can automatically synchronize with your Google mail account on the web.

Maps

Google Maps allow you to track your current location, view real-time traffic issues, and view detailed destination directions. There is also a search tool included to help you locate places of interest or a specific address. You can view locations on a vector, aerial map, or at the street level.

Market

Android Market provides access to downloadable applications and games to install on your phone. Android Market also allows you to provide feedback and comments about an application, or flag an application that might be incompatible with your phone.

Messaging

This application allows you to use the Short Message Service (SMS) to send and receive text messages to and from other mobile phones.

You can also use the Multi Media Service (MMS) to create multimedia messages to send and receive from other mobile phones.

Music

Music allows you to play music files that you have stored on your microSD card. You can also create playlists.

Settings

This menu includes settings for your display, security, memory, and any extra settings associated with your phone.

Talk

Google Talk allows you to communicate with other people who are also connected with Google Talk on the phone or on the web via instant messaging.

Navigation

Navigation is a driving aid that uses both audible and visual directions for GPS navigation.

ThinkFree Office

ThinkFree Office ThinkFree Office for Android is a Microsoft Office compatible office suite. This application provides a central place for managing your documents online or offline.

Video Player

The Video Player application plays video files stored on your microSD card.

Voice Control

Voice Control is a voice recognition software used to activate a wide variety of functions on your phone.

Voice Recorder

The Voice Recorder allows you to record an audio file up to one minute long and then immediately send it as a message.

Voice Search

The Voice Search feature is a voice-activated application that allows you to search for items via the Google search engine.

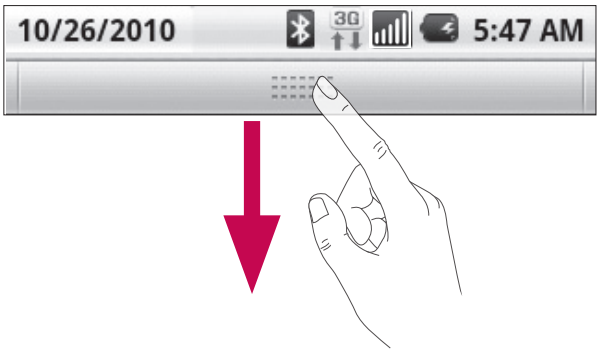
YouTube

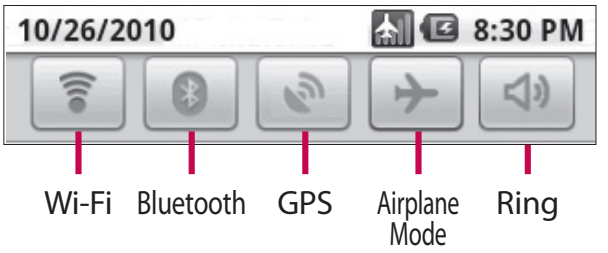
YouTube is a video sharing website on which users can view, upload and share videos.

Your Home screen

Notifications panel

The Notifications panel runs across the top of your screen.





Touch and slide the Notifications panel down with your finger. Or, from the Home screen, press the **Menu Key** and touch **Notifications**. From here, you can check and manage Wi-Fi, Bluetooth, GPS, Airplane mode, Ringer and view other notifications.

Viewing the Status Bar

The Status Bar uses different icons to display phone information, such as signal strength, new messages, battery life, and active Bluetooth and data connections.

Below is a table explaining the meaning of icons you are likely to see in the Status Bar.

[Status Bar]

Icon	Description
	No SIM card is installed
	No signal
	Connected to a Wi-Fi network
	A wired headset is connected
	Call forwarded
	Call on hold
	Speakerphone is on

Icon	Description
	Phone microphone is muted
	Missed call
	Bluetooth is on
	Connected to a Bluetooth device
	System warning
	Alarm is set
	New voicemail
	Airplane mode is set
	Silent mode is set
	Vibrate mode is set
	No microSD card installed
	Battery is fully charged
	Battery is charging
	Data in
	Data out

Icon	Description
	Data in and out
	The phone is connected to a PC via USB cable
	Downloading data
	Uploading data
	GPS is on
	GPS is receiving location data
	USB tethering is active
	Mobile Hotspot is active

Onscreen Keyboard

You can also enter text using the onscreen keyboard. The onscreen keyboard displays automatically on the screen when you need to enter text. To manually display the keyboard, simply touch a text field where you want to enter text.

Qwerty Keypad (Phone Keypad)

Shift Key - Touch once to capitalise the next letter you type. Double-tap for all caps.

XT9 Key - Turn on or off XT9 Mode.

Setting key

Number and Symbols Key - Touch to change input to number and symbol entry. caps.

Enter Key

Key Remove keypad from the screen.

Delete Key

Go forward or backword between letters.

Entering text

Keypad

Tap to change between the number, symbol, and text keypads.

Use to swap between lowercase and uppercase. The coloured circle on the button tells you if uppercase is locked on (green) or if it is just on for one character (orange).

To enter a space, touch .

Tip! To switch between Qwerty Keypad and Phone Keypad, Touch and choose Keypad types.

Abc mode

This mode allows you to enter letters by touching the key labelled with the required letter once, twice, three or four times until the letter is displayed.

123@#

This mode allows you to enter numbers in a text message (a telephone number, for example) more quickly. Touch the keys corresponding to the required digits before manually switching back to the appropriate text entry mode.

Entering accented letters

When you select French or Spanish as the text entry language, you can enter special French or Spanish characters (e.g., “a”).

After the corresponding letter character disappears, press the same key repeatedly until you see the special character you want.

Example

To input, press and hold the “a” key.

After the letter “a...” disappears, keep your finger pressed on the screen and slide left or right to select the desired character.

Google Account Set-up

The first time you open a Google application on your phone, you will be required to sign in with your existing Google account. If you do not have a Google account, you're prompted to create one.

Creating your Google account

From the Home screen, touch the **Application Launcher icon** to open the applications menu.

1. Tap **Gmail** and then **Next** → **Create** to start the Google Mail™ set up wizard.
2. Touch a text field to open the touch keyboard, and enter your name and username for your Google account. When entering text, you can move to the next text field by touching **Next** on the keyboard.
3. When you finished inputting your username, touch **Next**. Your phone then communicates with Google servers to verify username availability.
4. Then follow the instructions and enter the required and optional information about the account.

Signing in your Google account

1. Enter your e-mail address and password, then tap **Sign in**.
2. After sign in, you can use Google Mail™ and take advantages of Google services on your phone.
3. Once you have set up your Google account on your phone, your phone will be automatically synchronized with your Google account on the web. (It depends on your synchronization settings.)

After sign in, you can use Google Mail™, Google Calendar, Android Market™ and Google Maps™;

Download applications from Android Market™; back up your settings to Google servers; and take advantage of other Google services on your phone.

IMPORTANT

- Some applications, such as Calendar, work only with the first Google Account you add. If you plan to use more than one Google Account with your phone, be sure to sign into the one you want to use with such applications first. When you sign in, your contacts, Google mail messages, Calendar events, and other information from these applications and services on the web are synchronized with your phone. You will be prompted to sign in or to create a Google Account the first time you start an application that requires one, such as Google mail or Android Market™.
- If you want to use the backup feature to restore your settings to this phone from another phone that was running Android release 2.0 or later, you must enable that option during set up.
- If you have an enterprise account through your company or other organization, your IT department may have special instructions on how to sign into that account.

Call

Making a call

1 From the Home screen, touch to open the dialpad.

2 Enter the number on the dialpad. To delete a digit, touch the **Clear** icon .

3 Touch the **Call** icon to make a call.

4 To end a call, touch the **End** icon .

TIP: To enter "+" to make international calls, touch and hold down 0+ .

Calling your contacts

1 From the Home screen, touch to open your contact list.

2 Scroll through the contact list or touch **Search** and enter the first letter(s) of the contact you want to call.

3 In the contact list, touch the contact you want to call.

When the Contact's details are displayed, touch the phone number you want to dial.

Answering and rejecting a call

When the screen is locked

When your phone rings, drag the **Answer** icon to the right.

Drag the **Decline** icon to the left to reject an incoming call. Drag the **Send msg** bar upwards from the bottom if you want to send a message to the caller. If the caller is unknown, the **Send msg** bar is not available.

When the screen is unlocked

When your phone rings, touch the **Answer** icon . Touch the **Decline** icon to reject an incoming call.

Touch the **Send msg** button if you want to send a message to the caller. If the caller is unknown, the Send msg button is not available.

Adjusting call volume

To adjust the In-call volume during a call, press the volume keys on the right side of the phone.

Making a second call

1. During your initial call, touch .
2. Dial the number, or search your contacts to select the number you want to call.
3. Touch the **Call** icon to connect the call.
4. Both calls will be displayed on the call screen. Your initial call will be put on hold.
5. Touch to swap between calls or touch to make a conference call.
6. To end active calls, touch **End.**

NOTE: You will be charged for each call you make.

Viewing your Call logs

From the Home screen, touch and choose the **Call log** tab.

From the Call log, you can view a complete list of all dialed, received, and missed calls.

TIP: Touch any single call log entry to view the date, time, and duration of the call.

TIP: Press the **Menu Key**, then touch **Clear call log** to delete all the recorded items.

Call settings

You can configure phone call settings, such as call forwarding, and other special features offered by your carrier.

1. From the Home screen, press and touch **Settings**.
2. Touch **Call settings**.

Contacts

You can add contacts on your phone and synchronize them with the contacts in your Google Account or other accounts that support syncing contacts.

Searching for a contact

1 From the Home screen, touch to open your contact list.

2 Touch **Search** and enter the contact name using the keypad.

Adding a new contact

1 From the Home screen, touch and enter the new contact's number, then press the **Menu Key,** touch **Add to contacts** and then **Create new contact**.

2 If you want to add a picture to the new contact, touch . Choose from **Take photo** or **Select photo from Gallery.**

3 Select the contact type by touching .

4 Touch a category of contact information and enter the details about your contact.

5 Touch **Done.**

Favorite contacts

You can classify frequently called contacts as favorites.

To add a contact to your favorites

1 From the Home screen, touch to open your contact list.

2 Touch a contact to view its details.

3 Touch the star to the right of the contact's name. The star turns gold and is added to your favorites.

To remove a contact from your favorites list

1 From the Home screen, touch to open your contact list.

2 Touch the **Groups**, then select the **Favorites** tab and choose a contact to view its details.

3 Touch the gold star to the right of the contact's name. The star turns grey and the contact is removed from your favorites.

Messaging/E-mail

Messaging

Your LG-P505R combines SMS and MMS into one intuitive, easy-to-use menu.

Sending a message

1 Touch the Messaging icon on the Home screen, and touch **New message** to open a blank message.

2 Enter a contact name or number in the **To** field. As you enter the contact name, matching contacts appear. You can touch a suggested recipient. You can also add multiple recipients.

NOTE: You will be charged for a text message for every recipient you send the message to.

3 Touch the text field to start composing a message.

4 Press the **Menu Key** to open the options menu. Choose from **Call**, **Add subject**, **Attach**, **Insert Smiley**, **Templates**, **All threads** and **Discard,** if the number is not previously saved in Contact.

5 Touch **Send** to send your message.

The message screen opens, where you can view your sent message, as well as Responses. As you view and send additional messages, a message thread is created.

WARNING: The 160-character limit may vary from country to country depending on how the SMS is coded and local language setting.

WARNING: If an image, video, or audio file is added to an SMS message, it will be automatically converted into an MMS message, and you will be charged accordingly.

NOTE: When you get an SMS message during a call, you will hear a ring notification.

Threaded box

Messages (SMS, MMS) exchanged with another party can be displayed in chronological order so that you can conveniently see an overview of your conversation.

Using smilies

Liven up your messages using smilies.

When writing a new message, press the **Menu Key**, then choose **Insert Smiley**.

Changing your message settings

Your LG-P505R message settings are predefined, so you can send messages immediately. You can change the settings based on your preferences.

Opening Email and the Accounts Screen

You can use the **Email** application to read email from services other than Google mail. The Email application supports the following account types: POP3, IMAP and Exchange.

To open the Email application

- From the Home screen, touch **Email**.

The first time you open the **Email** application, a setup wizard opens to help you add an email account.

After the initial setup, Email displays the contents of your Inbox (if you have only one account) or the Accounts screen (if you have multiple accounts).

The Accounts screen

The Accounts screen lists your Combined Inbox and each of your email accounts.

1 Open the Email application. If you're not on the Account screen, press the **Menu Key** and touch **Accounts**.

- Touch to open your Combined Inbox, with messages sent to all of your accounts.

- Touch to open a list of your starred messages.

2 Select the Email service provider.

- Touch the folder icon to open the account's folders.

You can touch an account to view its Inbox. The account from which you send email by default is indicated with a checkmark.

To open your Combined Inbox

If you have configured Email to send and receive email from more than one account, you can view all messages sent to all accounts in your Combined Inbox.

1 From the Home screen, touch **Email**.

2 Touch **Combined Inbox** (in the Accounts screen). Messages in the Combined Inbox are color coded along their left sides, by account, using the same colors that are used for your accounts in the Accounts screen.

Only your account's most recent emails are downloaded to your phone. To download older email messages, touch **Load more messages** at the bottom of the emails list.

Reading Your Messages

Touch the message you want to read. The message opens in a screen that includes information about who sent it, the date it was sent, and other related information.

You can touch that status indicator to open Quick Contact.

Responding to a Message

You can reply to, forward, or delete messages.

To mark a message as unread

You can set a message to appear as though it has not been read – for example, to remind yourself to read it again later.

- While reading a message, press the **Menu Key** and touch **Mark as unread**.

To delete a message

- While reading a message, touch the **Delete** button.

  -OR-

- While reading a message, press the **Menu Key** and touch **Delete**.

For many types of accounts, deleted messages are moved to a Trash folder, so you can retrieve them in case they were deleted by mistake.

Starring Messages

You can add stars to important messages to make it easy to keep track of them.

To star a message

- While reading a message, touch the star in its header.

  -OR-

- From a list of messages in a folder, touch a message's star . The star turns gold.

To unstar a message

- Touch the star again.

To view your starred messages

- Touch **Starred** folder in the Accounts screen.
  A folder opens with your starred messages.

Composing and Sending Email

To compose and send a message

1. While in the **Email** application, press the **Menu Key** and touch **Compose**.
2. Enter an address for the message's intended recipient. As you enter text, matching addresses are offered from your Contacts. Separate multiple addresses with commas.
3. Press the **Menu Key** and touch **Add Cc/Bcc** to copy other contacts/email addresses to the message.
4. Compose your message.
5. Press the **Menu Key** and touch **Add attachment** to send pictures, videos, audio and other files.
6. Touch the **Send** button. If you're not ready to send the message, touch the **Save as draft** button to save it in a Drafts folder. Touch a draft message in a Drafts folder to resume working on it. Your message will also be saved as a draft if you touch the **Back Key** before sending it. Touch the **Discard** button to abandon and delete a message, including any saved drafts. If you aren't connected to a network, for example, if you're working in airplane mode, the messages that you send are stored in your Drafts folder until you're connected to a network again. If the Drafts folder contains any pending messages, those messages will be displayed on the Accounts screen.

Please note that messages sent using an Exchange account will not be located on the phone; they will, however, be located on the Exchange server itself. If you want to see your sent messages in the Sent folder

(or with the Sent label), you will often need to open the Sent folder/label and select Refresh from the options menu.

Working with Account Folders

Each account has Inbox, Outbox, Sent, and Drafts folders. Depending on the features supported by your account's service provider, you may have additional folders.

Adding and Editing Email Accounts

To add an email account

1. Press the **Menu Key** and touch **Add account**.
2. Touch the type of account you would like to add.
3. Then enter your email address and password and touch **Next**.
4. Enter a name for the account, confirm how you want your name to appear in outgoing mail, then touch the **Done** button.

To change an account's settings

1. Open the Accounts screen.
2. Touch and hold the account you want to change.
3. In the menu that opens, touch **Account settings**.

To delete an email account

1. Open the Accounts screen.
2. Touch and hold the account you want to delete.
3. Touch **Remove account** in the menu that opens.
4. Touch the **OK** button in the dialog box to confirm that you want to delete the account.

Messaging/E-mail

Social Networking

With your phone, you can enjoy social networking and manage your micro-blog in online communities. You can update your current status, upload photos and view your friends' status updates in real-time.

You can add your Facebook and Twitter accounts to your phone. If you don't have an account, you can visit their sites to set it up.

NOTE: An additional costs may be incurred when connecting and using online services. Check your data charges with your network provider.

Adding your account to your phone

1 From the Home screen, choose a SNS application you want to use.

2 Enter your e-mail address and password for your account then touch **Log in**.

3 Touch your community to see your current status.

TIP: If you add a social networking widget on your Home screen, the widget will show your status when your phone updates from the network.
You can also access the social community directly by touching the widget.

Viewing and updating your status

1 Choose a community you want to access.

2 Update your status with comments or upload photos.

NOTE: This is dependent on network services.

TIP: You can use information about friends in SNS only or sync all data to your Contacts.

Removing accounts on your phone

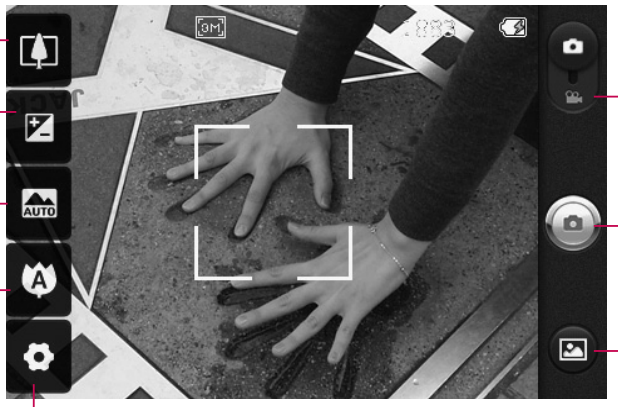
Press the **Menu Key** and touch **Settings** → **Accounts & sync** → Choose an account you want to delete → **Remove account**.

Camera

Getting to know the viewfinder

Brightness This defines and controls the amount of sunlight entering the image. Slide the brightness indicator along the bar, towards "-" for a lower brightness image, or towards "+" for a higher brightness image.

Zoom Zoom in or zoom out. Alternatively, you can use the side volume keys.



Video mode Slide this icon down to switch to video mode.

Take a photo Touch this icon to capture an image.

Gallery This enables you to access your saved photos from the camera mode. Simply touch it and your gallery will appear on the screen.

Settings Touch this icon to open the settings menu. See **Using the advanced settings** on page 66.

Focus Touch this icon to select the options menu. See **Using the focus mode** on the following page.

Scene mode Choose from **Auto**, **Portrait**, **Landscape**, **Sports**, **Night**, and **Sunset**.

NOTE: You need to insert a memory card to take a picture. Without inserting a memory card, you will not be able to take a picture.

TIP: You can close all the shortcut options to give a clearer viewfinder screen. Just touch the center of the viewfinder once. To recall the options, touch the screen again.

Using the focus mode

You can choose from the following focus modes:

Auto Focus – Set the camera to focus automatically.

Macro – Macro mode allows you to take extreme close-ups. If you are trying to take a close-up shot but the focus box remains red, try turning the macro mode on.

Face tracking –Allows your camera detects and focuses on human faces automatically.

Manual – Set the camera to focus manually.

Taking a quick photo

1. Open the Camera application.
2. Holding the phone horizontally, point the lens towards the subject you want to photograph.
3. Touch and hold the capture button lightly, and a focus box will appear in the center of the viewfinder screen.
4. Position the phone so you can see the subject in the focus box.
5. When the focus box turns green, the camera has focused on your subject.
6. Take your finger off the capture button.

Once you've taken the photo

Your captured photo will appear on the screen.

Share Touch to share your photo via **Bluetooth**, **Email**, **Facebook, Gmail**, **Messaging, Picasa** or **Twitter**.

NOTE: Additional charges may apply when MMS messages are used while roaming.

Set as Touch to use the image as **Contact icon** or **Wallpaper**.

Rename Touch to edit the name of the selected picture.

Touch to delete the image.

Touch to take another photo immediately. Your current photo will be saved.

Touch to view the photo in the Gallery.

Using the advanced settings

In the viewfinder, touch to open the advanced options.

You can change the camera setting by scrolling the menu. After selecting the option, touch the **Back Key**.

Image size – Touch to set the size (in pixels) of the picture you take. Select a pixel value from the numerical options: **3M (2048x1536), 2M (1600x1200), 1M (1280x960), VGA (640x480),**

QVGA (320x240).

ISO – The ISO rating determines the sensitivity of the camera's light sensor. The higher the ISO, the more sensitive the camera will be. This is useful under darker conditions when you cannot use the flash. Select from ISO values of **Auto**, **400, 200** and **100**.

White balance – Choose from **Auto**, **Incandescent**, **Sunny**, **Fluorescent**, and **Cloudy**.

Color effect – Choose a color effect for your new photo.

Once you've made your selections, use the Back Key to close the menu. You are then ready to take a picture.

> **NOTE:** You can change a color picture to black and white or sepia, but you cannot change a black-and-white or sepia picture to color.

Timer – The self-timer allows you to set a delay after the shutter is pressed. Select **Off**, **3 secs., 5 secs.,** or **10 secs.** This is ideal if you want to be included in a photo.

Shot mode – Choose from **Normal, Continuous shot, Beauty shot, Art shot, Face effect** and **Cartoon.**

Image quality – Choose from **Super Fine**, **Fine**, and **Normal**. The finer the quality, the sharper the photo. However, the file size will increase as a result, which means you'll be able to store fewer photos in the memory.

Auto review – If you set Auto review on, the camera will automatically display the picture immediately after taking it.

Shutter sound – Select one of the four shutter sounds.

Tag location – Activate to use your phone's location-based services. Take pictures wherever you are and tag them with the location. If you upload tagged pictures to a blog that supports geotagging, you can see the pictures displayed on a map.

> **NOTE:** This function is only available when GPS is active.

Reset – Restore all camera settings to default.

– Touch whenever you want to know how this function operates. This provides you with a quick guide.

TIP: When you exit the camera, all settings will return to their defaults, except image size and image quality. Any nondefault settings must be reset, such as Color effect and ISO. Check these before you take your next photo.

TIP: The settings menu is superimposed over the viewfinder, so when you change elements of the image color or quality, you will see a preview of the image change behind the settings menu.

Viewing your saved photos

1 You can access your saved photos from within the camera mode. Just touch and then you will be directed to the Gallery.

TIP: Flick left or right to view other photos or videos.

- Touch to see a slideshow.
- Touch to share the contents or delete

Touch **More** for the following options below.

Details - Check information of contents.

Set as - Set as contact icon or wallpaper.

Crop -Crop your photo. Move your finger across the screen to select the area.

To My Album Online - Send the photo to your online album

Rotate - Rotate left or right.

Video camera

Getting to know the viewfinder

Brightness This defines and controls the amount of sunlight entering the Video. Slide the brightness indicator along the bar, towards "-" for a lower brightness Video, or towards "+" for a higher brightness Video.

Zoom Zoom in or zoom out. Alternatively, you can use the side volume keys. Make sure to set the zoom function before recording because you cannot control it while recording.

Camera mode Slide this icon up to switch to camera mode.

Start recording Touch this icon to begin recording.

Gallery This enables you to access your saved photos & Videos from within the video camera mode. Simply touch it and your gallery will appear on the screen.

Settings Touch this icon to open the settings menu. See **Using the advanced settings** on page 70.

Scene mode Set the camera to adjust to the environment. Choose from **Auto, Portrait, Landscape, Sports, Night** and **Sunset.**

Video size Touch to set the size (in pixels) of the video you record. Choose your video image size from **VGA (640x480), QVGA (320x240)** or **QCIF (176x144)**.

Video camera

Shooting a quick video

1 Slide the camera mode button down. The icon will change to .

2 The video camera's viewfinder will appear on the screen.

3 Holding the phone horizontally, point the lens towards the subject of the video.

4 Press the capture button once to start recording.

5 REC will appear at the bottom of the viewfinder with a timer showing the length of the video.

6 Touch on the screen to stop recording.

After shooting a video

A still image representing your video will appear on the screen.

Play Touch to play the video.

Share Touch to share your video as **Bluetooth**, **Email**, **Gmail**, **Messaging** or **YouTube™**.

NOTE: Additional charges may apply when MMS messages are used while roaming.

Rename Touch to edit the name of selected video.

Touch to delete the video you just recorded and confirm by touching **Yes**. The viewfinder will reappear.

Touch to shoot another video right away. Your current video will be saved.

Touch to access the Gallery and view your recorded video.

Using the advanced settings

Using the viewfinder, touch to open the advanced options. Adjust the video camera setting by scrolling the menu. After selecting the option, touch the **Back** key.

White balance – The white balance ensures any of the white areas in your video are realistic. To enable your camera to adjust the white balance correctly, you may need to determine the light conditions. Choose from **Auto**, **Incandescent**, **Sunny**, **Fluorescent**, and **Cloudy**.

Color effect – Choose a color tone to use for your new view. Choose from **Off, Mono**, **Negative**, **Solarize, Sepia**, **Negative Sepia**, or **Blue**.

Duration – Set a duration limit for your video. Choose between **Normal** and **MMS** to limit the maximum size to send as an MMS message. If you set as MMS , you can record 300k video (less than 1 minute). Also you can choose **QVGA** (approximately 15 sec) and **QCIF** (approximately 35 sec) only in this mode.

TIP: When choosing MMS duration, the Video quality will be set as QCIF and you can shoot longer videos.

Video Quality – Choose from **Super fine, File,** and **Normal.**

Audio recording – Choose **Mute** to record a video without sound.

Auto review – If you set Auto review on, the video camera will automatically display the video immediately after recording it.

Reset – Reset all the video camera settings.

– Touch whenever you want to know how this function operates. This provides you with a quick guide.

TIP: You can change a video shot in color to black and white or sepia, but you cannot change a black-and-white or sepia video to color.

Video camera

Watching your saved videos

1 In the viewfinder, touch .

2 Your gallery will appear on the screen.

3 Touch a video to start playing it automatically.

Adjusting the volume when viewing a video

To adjust the volume of a video while it is playing, use the volume keys on the right hand side of the phone.

Your photos and videos

Setting a photo as wallpaper

1 Touch the photo you want to set as wallpaper to open it.

2 Touch the screen to open the options menu, then touch **Menu**.

3 Touch **More** → **Set as** → **Wallpaper**.

Multimedia

You can store multimedia files to a memory card to have easy access to all your image and video files.

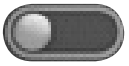
Touch the **Application Launcher icon** then select **Gallery**. A list of all your albums is displayed.

NOTE: Make sure you install a memory card into the phone to save photos and access all your pictures. Without a memory card, the phone will not display any photos or videos (excluding Picasa images, which are in your Picasa album).

View model

When you open the Gallery application, your albums will be displayed in Folder view mode. Touching an album displays your images in Grid view mode. If you touch an image, it will be displayed in Full view mode.

Timeline view

The LG-P505R **Gallery** also provides a timeline view of your photos and videos. From Grid view mode, drag  to the right to display your photos by date and location.

My Images options menu

Select a photo, then press the **Menu Key** to see the available options.

Sending a photo

1 To send a photo, touch and hold the photo you want.

Select **Share**. Choose from **Email, Bluetooth, Picasa, Facebook, Messaging, Twitter** or **Google mail.**

2 When you choose **Email, Google mail** or **Messaging**, your photo will be attached to a message. Then you can write and send the message normally.

TIP: If you have an SNS account and set it up on your phone, you can share your photo to the SNS community.

Sending a video

1 To send a video, touch and hold the video you want.

2 Select **Share**. Choose from **Email, Bluetooth, YouTube, Messaging,** or **Google mail.**

3 When you choose **Email, Google mail** or **Messaging**, your video will be attached to a message. Then you can write and send the message normally.

Using an image

Choose images to use as wallpaper or identify callers.

1 Touch and hold a photo, then touch **More** → **Set as.**

2 Choose from **Contact icon** or **Wallpaper.**

Creating a slideshow

From Full view mode, you can watch a slideshow so you don't have to open and close each image.

1 Touch **Slideshow**.

Checking your photo

You can view a photo's detailed information, such as **Name, Date, Time, Size** and **Type.**

1 Touch and hold a photo, then touch **More** → **Details**.

Transferring files using USB mass storage devices

To transfer files using USB devices:

1 Connect the LG-P505R to a PC using a USB cable.

2 If you didn't install the LG Android Platform Driver on your PC, you need to change settings manually. Press the **Home Key** → **Menu Key** → touch **Settings** → **SD Card & Phone Storage** → **Mass storage only**.

3 Drag the Notification Bar down and touch **USB connected**. Then touch **Turn on USB storage**.

4 Once you are connected to your PC via mass storage, you can view the contents of SD card and transfer file from it by using your PC.

NOTE: You need to install an SD card first. Without an SD card, you cannot use USB mass storage.

NOTE: If you installed the LG Android Platform Driver, you would see pop up with 'Turn on USB storage' immediately.

Music

Your LG-P505R has a built-in music player that lets you play all your favorite tracks.

Playing a song

1 From the Home screen, touch the **Application Launcher icon** and select **Music**.

2 Touch **Songs**.

3 Select the song you want to play.

4 Touch to pause the song.

5 Touch to skip to the next song.

6 Touch to go back to the beginning of the song. Touch two times to go back to the previous song.

To change the volume while listening to music, press the up and down volume keys on the right hand side of the phone.

Touch and hold any song in the list. It will display **Play, Add To Playlist, Use As phone ringtone, Delete, Details,** and **Search** as options.

NOTE: Music file copyrights may be protected by international treaties and national copyright laws.

Therefore, it may be necessary to obtain permission or a licence to reproduce or copy music.

In some countries, national laws prohibit private copying of copyrighted material. Before downloading or copying the file, please check the national laws of the relevant country concerning the use of such material.

Using the radio

Your LG-P505R has a built-in FM radio so you can tune in to your favorite stations and listen on the go.

NOTE: You must attach your headphones to listen to the radio. Insert them into the headphone jack.

Searching for stations

You can tune in to radio stations by searching for them manually or automatically. They will then be saved to specific channel numbers, so you don't have to keep re-tuning in.

To tune in automatically

1. From the Home screen, touch the **Application Launcher icon** and select **FM radio**.
2. Press the **Menu Key** and touch **Auto scan**.
3. If there are pre-set channels, you will see a pop-up with 'Reset all channels and start Auto scan?'. If you choose OK, all the pre-set channels will be deleted and Auto scan will start.
4. During Auto scanning, touch **Stop** if you want to stop scanning. Only the channels scanned before stopping will be saved.

NOTE: You can also manually tune in to a station using the displayed wheel.

Resetting channels

1 Press the **Menu Key** and choose **Reset Channel** to reset the current channel, or choose **Reset all channels** to reset all the channels.

Listening to the radio

1 Touch **Listen Via** and you can choose to listen via **Speaker** or **Wired headset.**

⚠ **WARNING:** If you connect a headset not specifically made for radio reception, radio reception may be poor.

Google applications

1 First, set up a Google account. Enter your user name and password.

2 After signing in, your contacts, email, and calendar in your Google account will automatically synchronize with your LG-P505R.

Google Maps™

Check your current location and traffic and receive directions to your destination. The LG-P505R must be connected to Wi-Fi or 3G/GPRS.

NOTE: Google Maps™ does not cover all cities and countries.

Using options

Press the **Menu Key** to use the following options:

Search – Enter the place you are looking for.

Directions – This will let you get directions to the place you are looking for. Touch to input the data. Choose from **Contacts** or **Point on Map** or **My current location**.

Layers – You can switch view from Traffic to Satellite or Terrain. Touch Latitude and you will see the location of your contacts from your Google Account. Touch Buzz to post messages to your Buzz account from Maps.

My Location – Point to your current location on the map.

Join Latitude – Share your location with friends.

More – Clear the map or find Starred items and more.

NOTE: While viewing **Street View** for a location, press the **Menu Key** and touch **Compass Mode** to turn Compass Mode on.

Google applications

Market™

Android Market™ lets you download useful applications and games. If you install applications and games from Android Market™, they appear in the applications menu. You can check downloaded application by pressing the **Menu Key** and touching the **Downloads** tab.

You can also check other's comments regarding an application or you can post your comments.

1. Select a category from **Apps** and **Games** to browse its contents. You can choose from **Top paid, Top free** and **Just in**.
2. Choose an application to install.

NOTE: When you want to finish the game, use the **Home** or **Back Key**. You will return to the Home screen. You can also use the **Menu Key** of the game.

⚠ WARNING: To protect your phone and personal data, download applications only from trusted sources, such as Android Market™. If some applications are not properly installed on your phone, your phone may not work normally or a serious error can occur. You will need to uninstall those applications and all of its data and settings from the phone.

Google mail™

Google Mail™ is configured when you first access a Google application and sign into your Google Account."

Depending on your synchronization settings, Google Mail™ on your phone is automatically synchronized with your Google Mail™ account on the web.

Press the **Menu Key**, then touch **Refresh** to send or receive new emails and to synchronize your emails with your Google Mail™ account on the web. Pressing the **Menu Key**, you can compose an email, view **your Accounts, Go to labels**, **Search** and **More**.

Google Talk™

Google Talk™ is Google's instant messaging program. It lets you communicate with other people who also use Google Talk™.

Press the **Menu Key** for the following available options:

All friends – Displays all friends on your friend's list.

Add friend – Send invitation to chat.

Search – Allows you to search for a contact or a chat saved to your Google mail account.

Sign out – Signs you out from chat. When you touch the Talk icon from the Home screen, you will be Signed in automatically if you set **Automatically sign in** active.

Settings – Allows you to adjust various Google Talk settings.

More – Allows you to close all chats, check Invites and view your Blocked list.

Utilities

Setting your alarm

1. From the Home screen, touch the **Application Launcher icon** and select **Clock**.
2. If you want to add a new alarm, touch .
3. Touch **Add alarm** and set the time. Then touch to turn on the alarm. After you set the time, the LG-P505R will let you know how much time is left before the alarm sounds.
4. Set **Repeat, Ringtone** or **Vibrate** and add **Label** to name the alarm. Touch **Done** to save the alarm.
5. Press the **Menu Key** to add an alarm or adjust alarm settings.

Using your calculator

1. From the Home screen, touch the **Application Launcher icon** and select **Calculator**.
2. Touch the number keys to enter numbers.
3. For simple calculations, touch the function you want (+, –, x, or ÷), followed by =.
4. For more complex calculations, press the **Menu Key**, touch **Advanced panel**, then choose any of the available functions.

Adding an event to your calendar

1. From the Home screen, touch the **Application Launcher icon** and select **Calendar**.

   You must have or create Google account to use Calendar.
2. To check the event, touch the date. To add a new event, touch and hold the date, then touch **New event**.
3. Enter the event name in the **What** field. Check the date and enter the time you want your event to begin and finish.
4. Enter the location of the event in the **Where** field.

5 If you would like to add a note to your event, touch the **Description** field and enter the details.

- If you have more than one calendar, you can choose the calendar to which to add the event.
- In the Guests field, enter the email addresses of everyone you want to invite to the event. Separate multiple addresses with commas (,). If the people to whom you send invitations use Google Calendar, they'll receive an invitation in Calendar and by email.

6 If you want to repeat the alarm, set **Repetition**, and set **Reminders**, if necessary.

7 Touch **Done** to save the event in the calendar. A colored square in the calendar will mark all days that have saved events. An alarm will sound at the event start time to help you stay organized.

Changing your calendar view

1 From the Home screen, touch the **Application Launcher icon** and select **Calendar**. Press the **Menu Key**.

2 Select one of the following Calendar views: **Day, Week, Month**, or **Agenda**.

ThinkFree Office

ThinkFree Office allows you to read documents and provides limited edit functions for Microsoft Word, Excel and PowerPoint. You cannot edit PDF files.

1 Touch and hold a file. Depending on the file type, the following options are available: **Open, Upload, Rename, Move, Copy, Delete, Send** and **Properties**.

Using options

Press the **Menu Key** to use the following options:

New – Add a new Document, Spreadsheet, Presentation or Folder.

Refresh – Refresh data.

Sort – Sort by Name, Date or Size.

Preferences – Adjust ThinkFree Office settings.

Update – Allows you to adjust various ThinkFree Office settings.

About – View more information about ThinkFree Office.

Voice Recorder

Use the Voice Recorder to record voice memos or other audio files.

Recording a sound or voice

1. From the Home screen, touch the **Application Launcher icon** and select **Voice Recorder**.
2. Touch ● to begin recording.
3. Touch ■ to end recording.
4. Press the **Menu Key** and select **Use as ringtone** to set as the phone ringtone.

NOTE: Touch **Go to list** to access your album. You can listen to the saved recording.

Sending the voice recording

1. Once you have finished recording, you can send the audio clip by touching the **Menu Key** and then **Share**.
2. Choose from **Bluetooth, Email, Google mail** and **Messaging**. When you select **Email, Google mail** and **Messaging,** the voice recording will be attached to a message. Then you can write and send it normally.

The Web

Browser

Browser gives you a fast, full-color world of games, music, news, sports, entertainment, and much more, right on your mobile phone, wherever you are and whatever you're into.

NOTE: Additional charges apply when connecting to these services and downloading content. Check data charges with your network provider.

Using options

Press the **Menu Key** to view the following options:

New window – Open a new window.

Bookmark – Add/Display Bookmarks and display the Most Visited Site and History.

Window – Show all your open windows.

Refresh – Touch to refresh the web page.

Forward – Forwards you to the page you had connected to prior to going back to the current page. This is opposite action with Back Key, which goes to the previous page.

More

- **Add bookmark** – Add the current web page as a bookmark.
- **Find on page** – Allows you to search for letters or words on the current web page.
- **Select Text** – Touch and select the lines you want to copy. Long touch any input box to paste the copied text.
- **Page info** – Displays the web page information.
- **Share page** – Shares the web page with your contacts
- **Downloads** – Displays your history of downloads.

- **Settings** – Set the browser settings.

TIP: To return the previous web page, press the **Back Key**.

Adding and accessing bookmarks

1. Press the **Menu Key**, then touch **Bookmarks**.
2. Touch **Add** and enter a name followed by its URL.
3. To access the bookmark, simply touch the bookmark image. You will be connected to the bookmarked page.

Changing Web browser settings

Press the **Menu Key**, then touch **More** → **Settings**.

Settings

Wireless & networks

Allows you to manage Wi-Fi and Bluetooth connections. You can also set Mobile networks and Airplane mode.

Airplane mode – When Airplane mode is activated, all wireless communications are disabled.

Sound

Allows you to adjust sound and notification settings. You can also manage vibrate mode, audible, and haptic feedback.

Display

Brightness – Adjust the brightness of the screen.

Auto-rotate screen – Set to switch orientation automatically when you rotate the phone.

Animation – Set to allows animations to be displayed.

Screen timeout – Set the delay time before the screen automatically turns off.

Location & Security

Use wireless networks – If you check **Use wireless networks**, your phone will determine your approximate location by using Wi-Fi and mobile networks. When you check this option, you're asked whether you consent to allowing Google to use your location when providing these services.

Use GPS Satellites – If you check **Enable GPS satellites**, your phone will be determine your location to street-level accuracy.

Set up screen lock – Set unlock pattern to secure your phone. When setting this option, a set of screens open and guide you through drawing a screen unlock pattern. You can also set a PIN or Password instead of a Pattern or leave it as None.

When you turn on your phone or wake up the screen, you're prompted to draw your unlock

pattern to unlock the screen.

Set up Sim card lock – Set up a PIN to be required for phone use or change the SIM PIN.

Visible passwords – Select to show passwords as you type them or deselect to hide passwords.

Select device administrators – Add device administrators.

Use secure credentials – Allows you to access secure certificates.

Install from SD card – Choose to install encrypted certificates from your SD card.

Set password – Set or change the credential storage password.

Clear storage - Clear credential storage of all contents and reset its password

Applications

You can manage applications and set up quick launch shortcuts.

Unknown Sources – Enable this setting to install non-Market applications.

Manage Applications – Manage and remove installed applications.

Running services - Check currently running services

Development – Set options for application development.

Accounts & sync

Allows you to activate Background data synchronization or Auto-sync. You can also verify or add accounts and change their data and synchronization settings.

Privacy

You can also perform a Factory data reset, which will erase all of your data. Make sure you backup any important data before performing this function.

SD card & phone storage

Check total available SD card space. Touch **Unmount SD card** to safely remove the SD card.

Touch **Format the SD card** if you want to delete all data from the SD card.

Search

Touch **Google search** to adjust Google search settings.

Touch **Searchable items** to adjust the settings in order to get necessary information effectively . Choose from **Web**, **Apps, Contacts, Messaging Search, Music** or **Twitter**.

Language & keyboard

Set local language and region, text input, and autocorrect options.

Voice input & output

Allows you to set various settings for the Voice recognizer and Text-to-speech.

Accessibility

You use the Accessibility settings to configure any accessibility plug-ins you have installed on your phone.

> **NOTE:** Requires additional plug-ins to become selectable.

Date and time

Set date, time, time zone, and time and date formats.

About phone

View legal information and check phone status and software version.

Wi-Fi

With Wi-Fi, you can use high-speed Internet access within the coverage of the wireless access point (AP).

You can enjoy wireless Internet with Wi-Fi without extra charges.

Turn on Wi-Fi

From the Home Screen , open the Notification Bar and touch on.

From the applications screen, touch Settings → Wireless & networks → Wi-Fi .

To connect to Wi-Fi

Choose the Wi-Fi network you want to connect to. If you see , you need to enter a password to connect.

TIP: If you are out of a Wi-Fi area and choose 3G connection, additional charges may be applied.

TIP!

If your phone turns into sleep mode even when it is connected to Wi-Fi, the Wi-Fi connection will be disabled automatically. In this case, if your phone has access to 3G data, it may be connected to the 3G network automatically, and additional charges may be applied.

NOTE: The LG-P505R supports WEP, WPA/WPA2-PSK and 802.1x EAP. security. If your Wi-Fi service provider or network administrator sets encryption for network security, fill in the key in the pop-up window. If encryption is not set, this pop-up window will not be shown. You can obtain the key from your Wi-Fi service provider or network administrator.

Sharing your phone's mobile data connection

You can share your phone's mobile data connection with a single computer via a USB cable: USB tethering. You can also share your phone's data connection with up to five devices at once, by turning your phone into a portable Wi-Fi hotspot.

When your phone is sharing its data connection, an icon appears in the status bar and as an ongoing notification in the notifications drawer.

	USB tethering is active
	Portable Wi-Fi hotspot is active
	Both USB tethering and portable hotspot are active

For the latest information about tethering and portable hotspots, including supported operating systems and other details, visit http://www.android.com/tether.

NOTE: An additional costs may be incurred when connecting and using online services. Check your data charges with your network provider.

USB tethering & portable Wi-Fi hotspot settings

1. On the home screen, touch **Application Launcher** icon and select Settings.
2. Touch **Wireless & networks** and select **Tethering & portable hotspot.**
3. Choose options that you want to adjust.

USB tethering – Check to share your phone's mobile network data connection with your computer, via a USB connection.

TIP: To use USB Tethering, you need to install PC Suite on to your PC first.

Portable Wi-Fi hotspot – Check to share your phone's mobile network data connection as a portable Wi-Fi hotspot.

Help – Opens a dialog with information about USB tethering and portable Wi-Fi hotspots as well as information about where to learn more.

USB tethering and data sharing

You can't share your phone's data connection and SD card via USB at the same time. If you are using your USB connection to make your SD card available to your computer, you must disconnect it first.

TIP: To use USB Tethering, you need to install PC Suite on to your PC first.

1. Use the USB cable that came with your phone to connect your phone to your computer.
2. On the home screen, touch **Application Launcher** icon and select **Settings**.
3. Touch **Wireless & networks** and select **Tethering & portable hotspot**.
4. Check **USB tethering**.
   - The phone starts sharing its mobile network data connection with your computer, via USB connection. An ongoing notification is added to the Status bar and Notifications panel.

5 Uncheck **USB tethering** to stop sharing your data connection. Or just disconnect the USB cable.

NOTE: When using the USB tethering, your phone can be connected to 3G network only. Under the status of the USB tethering, Wi-Fi network connection will be disabled.

To share your phone's data connection as a portable Wi-Fi hotspot

You can't share your phone's data connection and SD card via USB at the same time. If you are using your USB connection to make your SD card available to your computer, you must disconnect it first.

1 On the home screen, touch **Application Launcher** icon and select **Settings**.

2 Touch **Wireless & networks** and select **Tethering & portable hotspot**.

3 Check **Portable Wi-Fi hotspot**.

- After a moment, the phone starts broadcasting its Wi- Fi network name (SSID), so you can connect to it with up to five computers or other devices. An ongoing notification is added to the Status bar and Notifications panel.
- When **Portable Wi-Fi hotspot** is checked, you can change its network name or secure it.

4 Uncheck **Portable Wi-Fi hotspot** to stop sharing your data connection via Wi-Fi.

To rename or secure your portable hotspot

You can change the name of your phone's Wi-Fi network name (SSID) and secure its Wi-Fi network.

1 On the home screen, touch **Application Launcher** icon and select **Settings**.

2 Touch **Wireless & networks** and select **Tethering &portable hotspot**.

3 Ensure **Portable Wi-Fi hotspot** is checked.

4 Touch **Portable Wi-Fi hotspot settings**.

5 Touch **Configure Wi-Fi hotspot**.

- The **Configure Wi-Fi hotspot** dialog opens.
- You can change the network SSID (name) that other computers see when scanning for Wi-Fi networks.
- You can also touch the **Security** menu to configure the network with Wi-Fi Protected Access 2 (WPA2) security, with a preshared key (PSK).
- If you touch the **WPA2 PSK** security option, a password field is added to the **Configure Wi-Fi hotspot** dialog. If you enter a password, you will need to enter that password when you connect to the phone's hotspot with a computer or other device. Or touch **Open** in the **Security** menu to remove security from your Wi-Fi network.

ATTENTION!

If you set the security option as **Open**, you can not prevent unauthorised using online services by other people and additional charges can be incurred. To avoid unauthorised use, you will be better to keep the security option.

6 Touch **Save**.

Software update

Phone Software update

LG Mobile Phone Software update from internet

For more information on installing and using this program, please visit LG Home (http://www.lg.com) and go to Support > Mobile Phone Support with your PC.

This Feature allows you to update the firmware of your phone to the latest version conveniently from the internet without the need to visit a service centre.

As the mobile phone firmware update requires the user's full attention for the duration of the update process, please make sure to check all instructions and notes that appear at each step before proceeding. Please note that removing the USB data cable or battery during the upgrade may seriously damage your mobile phone.

DivX Mobile

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, Inc. This is an official DivX Certified® device that plays DivX video. Visit www.divx.com for more information and software tools to convert your files into DivX video.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.

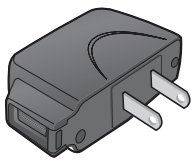
DivX Certified® to play DivX® video up to 320 x 240.

DivX®, DivX Certified® and associated logos are trademarks of DivX, Inc. and are used under license.

Accessories

There are a variety of accessories available for your mobile phone, which may be sold separately. You can select these options according to your personal communication requirements. Consult your local dealer for availability. (Items described below may be optional.)

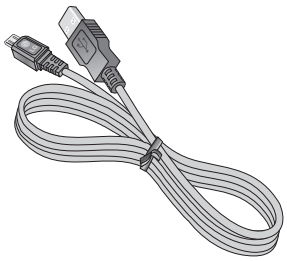
Charger



Stereo headset

USB cable

Connect and synchronize your LG-P505R and PC.

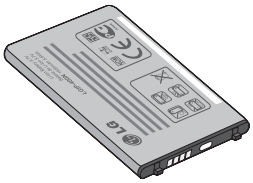


Micro SD

User Guide

Learn more about your LG-P505R.

Battery



NOTE:

- Always use genuine LG accessories. Failure to do this may invalidate your warranty.
- Accessories may vary.

Before using the mobile phone, please read first!

How to save music/video files to the phone

Connect your phone to the PC using the USB cable.

Touch and drag down the Notification Bar on the Home screen. Touch **USB connected** > **Turn on USB storage** > **Open folder to view files**.

If you didn't install the LG Android Platform Driver on your PC, you need set it manually.

For more information, refer to 'Transferring files using mass storage devices' .

Save music or video files from the PC to the phone's removable storage.

- You may copy or move files from the PC to the phone's removable storage using a card reader.

How to play music/video files to the phone

Playing music files

Locate the file you want in the list and select it to play.

Playing video files

Locate the file you want in the list and select it to play.

How to send data from your phone via Bluetooth

Sending data via Bluetooth: You can send data via Bluetooth by running a corresponding application, not from Bluetooth menu, unlike regular mobile phones.

- **Sending pictures:** Run the Gallery application and select **Picture** → **Menu**. Touch **Share** and select **Bluetooth** → Check **If Bluetooth is turned on** and select **Scan for devices** → Choose the device you want to send data to from the list.

- **Exporting contacts:** Run the Contacts application. Touch the address you want to export to. Touch **Menu** and select **Share** → **Bluetooth** → Check **If Bluetooth is turned on** and select **Scan for devices** → Choose the device you want to send data to from the list.
- **Sending multi-selected contacts:** Run the Contacts application. To select more than one contact press the **Menu Key** and touch **Multiselect**. Select the contacts you want to send or press the **Menu** key and touch **Select all** → **Touch Share** → **Bluetooth** → **Select all**. Select **Share** → **Bluetooth** → Check **If Bluetooth is turned on** and select **Scan for devices** → Choose the device you want to send data to from the list.
- **Connecting to FTP (Only the FTP server is supported on this handset):** Select "Settings" → "Wireless & networks" → "Bluetooth settings". Then, select the "Discoverable" checkbox and Search for this phone from other devices. Choose this phone from the list. Pair with the phone and connect to the FTP server.

TIP: The version is Bluetooth 2.1 EDR and certified by Bluetooth SIG. It is compatible with other Bluetooth SIG certified devices.

- If you want to search for this phone from other devices, go to "Settings" → "Wireless & networks" → "Bluetooth settings".

Then, select the "Discoverable" checkbox.

The checkbox is cleared after 120 seconds.

FAQ

Please check to see if any problems you have encountered with your phone are described in this section, before taking the phone in for service or calling a service representative.

Category Sub-Category	**Question**	**Answer**
BT Bluetooth Devices	What are the functions available via Bluetooth?	You can connect Bluetooth audio device such as Stereo/Mono headset, Car Kit and share pictures, videos, contacts, etc via Gallery/Contacts menu. Also when FTP server is connected to a compatible device, you can share contents stored in the SD card.
BT Bluetooth Headset	If my Bluetooth headset is connected, can I listen to my music through my 3.5mm wired headphones?	When a Bluetooth headset is connected, all system sounds are played over the headset. As a result, you will not be able to listen to music through your wired headphones.
Data Contacts Backup	How can I back up Contacts?	The Contacts data can be synchronized between your phone and Google mail™.
Data Synchroniz ation	Is it possible to set up one-way sync with Google mail?	Only two-way synchronization is available.
Data Synchroniz ation	Is it possible to synchronize all the Email folders?	The Inbox is automatically synchronized. You can view other folders by pressing the **Menu Key** and touch **Folders** to choose a folder.

Category Sub-Category	Question	Answer
Google™ Service Google mail Log-In	Should I have to log into Google mail whenever I want to access Google mail?	Once you log into Google mail, you don't need to log in Google mail again.
Google Service Google Account	Is it possible to filter emails?	No, email filtering is not supported via the phone.
Phone Function YouTube™	Is it possible to play YouTube videos?	Yes, YouTube videos are supported but may have to be viewed through the YouTube application (and not the browser).
Phone Function Email	What happens when I execute another application while writing an email?	Your email will automatically be saved as a draft.
Phone Function Ringtone	Is there a file size limitation for when I want to use a .MP3 file as a ringtone?	There is no file size limitation.
Phone Function Message Time	My phone does not display the time of receipt for messages older than 24 hrs. How can I change this?	You will only be able to see the times for messages received the same day.
Phone Function microSD Card	What is the maximum supported size for a memory card?	32 GB memory cards are compatible.

FAQ

Category Sub-Category	Question	Answer
Phone Function Navigation	Is it possible to install another navigation application on my phone?	Any application that is available on Android Market™ and is compatible with the hardware can be installed and used.
Phone Function Synchroniz ation	Is it possible to synchronize my contacts from all my email accounts?	Only Google mail & MS Exchange server(Company Email Server) contacts can be synchronized.
Phone Function Wait and Pause	Is it possible to save a contact with Wait and Pause in the numbers?	If you transferred a contact with the W & P functions saved into the number, you will not be able to use those features. You will need to re-save each number. How to save with Wait and Pause: 1. From the Home screen, press the **Phone** icon . 2. Touch the **Phone** tab. 3. Dial the number, then press the **Menu Key** . 4. Touch **Add 2-sec pause** or **Add wait**.
Phone Function Security	What are the phone's security functions?	You are able to set the phone to require the entry of an Unlock Pattern before the phone can be accessed or used.
Phone Function Unlock Pattern	What should I do if I forget my the Unlock Pattern?	After attempting the Unlock Pattern 5 times, you can touch the **Forget Pattern?** option and use your Google account information to unlock your phone.

Category Sub-Category	Question	Answer
Phone Function Unlock Pattern	What should I do if I forgot the Unlock Pattern and I didn't create the Google account on the phone?	Without entering the Unlock Pattern, you will not be able to access your phone. **Caution: If you perform a factory reset, all user applications and user data will be deleted. Please remember to back up any important data before performing a factory reset.** 1. Turn the power off. 2. Press and hold: **Power/Lock Key + Home Key + Up Volume Key.** 3. Turn the power on, while keeping the three keys pressed. 4. When the LG logo is shown, release the keys.
Phone Function Unlock Pattern	How do I create the Unlock Pattern?	1. From the Home screen, press the **Menu Key** . 2. Touch **Settings** → **Location & security**. 3. Touch **Set unlock pattern** (under the Screen unlock pattern section of the settings). The first time you do this, a short tutorial about creating an Unlock Pattern appears. 4. Set up by drawing your pattern once, then again for confirmation.

FAQ

Category Sub-Category	**Question**	**Answer**
Phone Function Memory	Is it possible to save a picture to the internal memory after taking a picture?	Pictures, along with Music and Video files, can only be saved to external memory. Email and Applications can be saved to the internal memory.
Phone Function Memory	Will I know when my memory is full?	Yes, you will receive a notification.
Phone Function Language Support	Is it possible to change the language?	The phone has multilingual capabilities. To change the language: 1. From the Home screen, press the **Menu Key** and touch **Settings**. 2. Touch **Language & keyboard** → **Select language.** 3. Touch the desired language.
Phone Function VPN	How do I set up a VPN?	VPN access configuration is different according to each company. To configure VPN access from your phone, you must obtain the details from your company's network administrator.
Phone Function Screen time out	My screen turns off after only 15 seconds. How can I change the amount of time for the backlight to turn off?	1. From the Home screen, press the **Menu Key** . 2. Touch **Settings** → **Display**. 3. Under Display settings, touch **Screen timeout**. 4. Touch the preferred screen backlight timeout time.

Category Sub-Category	Question	Answer
Phone Function Tactile feedback	I've turned off haptic feedback on my phone. However, when I dial a number, the phone still vibrates. How do I turn this off?	1. From the Home screen, press the **Menu Key** . 2. Touch **Settings** → **Sound**. 3. Touch **Haptic feedback** to remove the checkmark and disable the function.
Phone Function Wi-Fi & 3G	When Wi-Fi and 3G are both available, which service will my phone use?	When using data, your phone may default to the Wi-Fi connection (if Wi-Fi connectivity on your phone is set to On). However, there will be no notification when your phone switches from one to the other. To know which data connection is being used, use the 3G or Wi-Fi icon at the top of your screen.
Phone Function Home screen	Is it possible to remove an application from the Home screen?	Yes. Just touch and hold the icon until the trash can icon appears at the bottom-center of the screen. Then, without lifting your finger, drag the icon to the trash can.
Phone Function Application	I downloaded an application and it causes a lot of errors. How do I remove it?	1. From the Home screen, press the **Menu Key** . 2. Touch **Settings** → **Applications** → **Manage applications**. 3. Touch the application, then touch **Uninstall**.

FAQ

Category Sub-Category	Question	Answer
Phone Function Camera	My phone's camera does not take pictures and says "No SD Card or SD card is not ready!". Why doesn't it work?	A microSD card must be inserted in order to use the phone's camera.
Phone Function Charger	Is it possible to charge my phone by USB data cable without installing the necessary USB driver?	The USB Driver will need to be installed.
Phone Function Alarm	Can I use music files for my Alarm?	Yes. After saving a music file as a ringtone, you can use it for your alarm. 1. Touch and hold a song in a library list. In the menu that opens, touch Use as phone ringtone. 2. In an alarm clock setting screen, select the music as a ringtone.
Phone Function Alarm	Will my alarm be audible or will it go off if the phone is turned off?	No, this is not supported.
Phone Function Alarm	If my Ringer Volume is set to Off or Vibrate, will I hear my Alarm?	Your Alarm is programmed to be audible even in these scenarios.

Category Sub-Category	Question	Answer
Phone Spec Battery Time	What is the maximum amount of time my phone's battery will last before I need to recharge it?	Talk time : Approx. 9 Hours Standby : Approx. 18 days
Phone Spec Band	Which wireless bands are supported by the phone?	Your phone is able to operate on the 800Mhz and 1900MHz bands.
Recovery Solution Factory Reset	How do I perform a factory reset?	1. From the Home screen, press the **Menu Key** . 2. Touch **Settings** → **Privacy** → **Factory data reset**. 3. Read the warning and touch **Reset** phone. 4. Touch **Erase everything**. **Attention:** **If a factory reset is performed, all installed application and user data will be erased. Please remember to back up any important data before performing a factory reset.**

FAQ

Category Sub-Category	Question	Answer
Recovery Solution Factory Reset	How can I perform a factory reset if I can't access the phone's setting menu?	How to perform a factory reset: 1. Turn the power off. 2. Press and hold: **Power/Lock Key + Home Key + Up Volume Key.** 3. Turn the power on, while keeping the three keys pressed. 4. When the LG logo is shown, release the keys. **Attention:** **If a factory reset is performed, all installed applications and user data will be erased. Please remember to back up any important data before performing a factory reset.**

For Your Safety

Important Information

This user guide contains important information on the use and operation of this phone. Please read all the information carefully for optimal performance and to prevent any damage to or misuse of the phone. Any changes or modifications not expressly approved in this user guide could void your warranty for this equipment.

Before You Start

Safety Instructions

> **⚠ WARNING**
>
> To reduce the possibility of electric shock, do not expose your phone to high humidity areas, such as the bathroom, swimming pool, etc.

Always store your phone away from heat. Never store your phone in settings that may expose it to temperatures less than 32°F (0°C) or greater than 104°F (40°C), such as outside during extreme weather conditions or in your car on a hot day. Exposure to excessive cold or heat will result in malfunction, damage and/or catastrophic failure.

Be careful when using your phone near other electronic devices. RF emissions from your mobile phone may affect nearby in adequately shielded electronic equipment. You should consult with manufacturers of any personal medical devices such as pacemakers and hearing aides to determine if they are susceptible to interference from your mobile phone.

For Your Safety

Turn off your phone in a medical facility or at a gas station. Never place your phone in a microwave oven as this will cause the battery to explode.

IMPORTANT! Please read the TIA SAFETY INFORMATION on page 116 before using your phone.

Safety Information

Read these simple guidelines. Breaking the rules may be dangerous or illegal. Further detailed information is given in this user guide.

- Never use an unapproved battery since this could damage the phone and/or battery and could cause the battery to explode.
- Never place your phone in a microwave oven as it will cause the battery to explode.
- Do not dispose of your battery by fire or with hazardous or flammable materials.
- Make sure that no sharp-edged items come into contact with the battery. There is a risk of this causing a fire.
- Store the battery in a place out of reach of children.
- Be careful that children do not swallow any parts such as rubber plugs (earphone, connection parts of the phone, etc.). This could cause asphyxiation or suffocation.
- Unplug the power cord and charger during lightning storms to avoid electric shock or fire.
- When riding in a car, do not leave your phone or set up the hands-free kit near to the air bag. If wireless equipment is improperly installed and the air bag is activated, you may be seriously injured.

- Do not use a hand-held phone while driving.
- Do not use the phone in areas where its use is prohibited. (For example: aircraft).
- Do not expose the battery charger or adapter to direct sunlight or use it in places with high humidity, such as a bathroom.
- Never store your phone in temperatures less than -4°F (-20°C) or greater than 122°F (50°C).
- Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. There is a risk of this causing a fire.
- Do not drop, strike, or shake your phone severely. Such actions may harm the internal circuit boards of the phone.
- Do not use your phone in high explosive areas as the phone may generate sparks.
- Do not damage the power cord by bending, twisting, pulling, or heating.
- Do not use the plug if it is loose as it may cause a fire or electric shock.
- Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause fire or electric shock.
- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.
- Do not disassemble the phone.
- Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.

- Only use the batteries, antennas, and chargers provided by LG.
  The warranty will not be applied to products provided by other suppliers.
- Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.
- Do not hold or let the antenna come in contact with your body during a call.
- An emergency call can be made only within a service area. For an emergency call, make sure that you are within a service area and that the phone is turned on.
- Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.

Memory card information and care

- Always insert/ remove the memory card while the handset power is off. If you remove it while the power is on, it may be damaged.
- If a damage cannot be fixed, format the memory card.
- The memory card cannot be used for recording copyright protected data.
- Do not write forcefully on the memo area.
- Carry and store the memory card in its case.
- Do not allow the memory card to get wet.
- Do not leave the memory card in extremely hot location.
- Do not disassemble or modify the memory card.

FCC RF Exposure Information

⚠ WARNING
Read this information before operating the phone.

In August 1996, the Federal Communications Commission (FCC) of the United States, with its action in Report and Order FCC 96-326, adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies.

The design of this phone complies with the FCC guidelines and these international standards.

CAUTION

Use only the supplied and approved antenna. Use of unauthorized antennas or modifications could impair call quality, damage the phone, void your warranty and/or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with skin, a minor burn may result. Contact your local dealer for a replacement antenna.

Body-worn Operation

This device was tested for typical body-worn operations with the back of the phone kept 2cm (0.79 inches) between the user's body and the back of the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 2cm (0.79 inches) must be maintained between the user's body and the back of the phone. Third-party belt-clips, holsters, and similar

accessories containing metallic components should not be used.

Body-worn accessories that cannot maintain 2cm (0.79 inches) separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

Vehicle Mounted External Antenna (optional, if available)

A minimum separation distance of 20cm (8 inches) must be maintained between the user/bystander and the vehicle mounted external antenna to satisfy FCC RF exposure requirements. For more information about RF exposure, visit the FCC website at www.fcc.gov

FCC Part 15 Class B Compliance

This device and its accessories comply with part 15 of FCC rules and ICES-003 Class B digital apparatus requirements for Industry Canada.

Operation is subject to the following two conditions:

(1) This device and its accessories may not cause harmful interference, and (2) this device and its accessories must accept any interference received, including interference that may cause undesired operation.

Cautions for Battery

- Do not disassemble.
- Do not short-circuit.
- Do not expose to high temperature: 140°F (60°C).
- Do not incinerate.

Battery Disposal

- Please dispose of your battery properly or bring to your local wireless carrier for recycling.
- Do not dispose in fire or with hazardous or flammable materials.

Adapter (Charger) Cautions

- Using the wrong battery charger could damage your phone and void your warranty.
- The adapter or battery charger is intended for indoor use only.

Do not expose the adapter or battery charger to direct sunlight or use it in places with high humidity, such as the bathroom.

Avoid damage to your hearing

- Damage to your hearing can occur if you are exposed to loud sound for long periods of time. We therefore recommend that you do not turn on or off the handset close to your ear. We also recommend that music and call volumes are set to a reasonable level.
- If you are listening to music whilst out and about, please ensure that the volume is at a reasonable level so that you are aware of your surroundings. This is particularly imperative when attempting to cross the street.

Safety Guidelines

TIA Safety Information

Provided herein is the complete TIA Safety Information for Wireless Handheld phones. Inclusion of the text covering Pacemakers, Hearing Aids, and Other Medical Devices is required in the owner's manual for CTIA Certification. Use of the remaining TIA language is encouraged when appropriate.

Exposure to Radio Frequency Signal

Your wireless handheld portable telephone is a lowpower radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones.

Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992) *

NCRP Report 86 (1986)

ICNIRP (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

* American National Standards Institute; National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection

The design of your phone complies with the FCC guidelines (and those standards).

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone Operation

NORMAL POSITION: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

Tips on Efficient Operation

For your phone to operate most efficiently:

- Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Driving

Check the laws and regulations on the use of wireless phones in the areas where you drive. Always obey them. Also, if using your phone while driving, please:

- Give full attention to driving - driving safely is your first responsibility;
- Use hands-free operation, if available;
- Pull off the road and park before making or answering a call if driving conditions so require.

Electronic Devices

Most modern electronic equipment is shielded from RF signals.
However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6”) inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker.
These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON;
- Should not carry the phone in a breast pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Health Care Facilities

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may

use equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle.

You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

Aircraft

FCC regulations prohibit using your phone while in the air. Turn your phone OFF before boarding an aircraft.

Blasting Areas

To avoid interfering with blasting operations, turn your phone OFF when in a 'blasting areas or in areas posted: 'Turn off two-way radio'. Obey all signs and instructions.

Potentially Explosive Atmosphere

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, marked clearly.

Potential areas may include: fueling areas (such as gasoline stations); below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where

the air contains chemicals or particles (such as grain, dust, or metal powders); and any other area where you would normally be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Safety Information

Please read and observe the following information for safe and proper use of your phone and to prevent damage. Also, keep the user guide in an accessible place at all the times after reading it.

Charger and Adapter Safety

- The charger and adapter are intended for indoor use only.

Battery Information and Care

- Please dispose of your battery properly or take it to your local wireless carrier for recycling.
- The battery does not need to be fully discharged before recharging.
- Use only LG-approved chargers specific to your phone model since they are designed to maximize battery life.
- Do not disassemble or impact the battery as it may cause electric shock, short-circuit, and fire. Store the battery in a place out of reach of children.
- Keep the battery's metal contacts clean.

- Replace the battery when it no longer provides acceptable performance. The battery can be recharged several hundred times before replacement.
- Recharge the battery after long periods of non-use to maximize battery life.
- Battery life will vary due to usage patterns and environmental conditions.
- Use of extended backlighting, Media Net Browsing, and data connectivity kits affect battery life and talk/standby times.
- The self-protection function of the battery cuts the power of the phone when its operation is in an abnormal state. In this case, remove the battery from the phone, reinstall it, and turn the phone on.
- Actual battery life will depend on network configuration, product settings, usage patterns, battery and environmental conditions.

Explosion, Shock, and Fire Hazards

- Do not put your phone in a place subject to excessive dust and keep the minimum required distance between the power cord and heat sources.
- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it is dirty.
- When using the power plug, ensure that it is firmly connected.
  If it is not, it may cause excessive heat or fire.
- If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may short-circuit the phone. Always cover the receptacle when not in use.

Safety Guidelines

- Do not short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and – terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.

General Notice

- Using a damaged battery or placing a battery in your mouth may cause serious injury.
- Do not place items containing magnetic components such as a credit card, phone card, bank book or subway ticket near your phone. The magnetism of the phone may damage the data stored in the magnetic strip.
- Talking on your phone for a long period of time may reduce call quality due to heat generated during use.
- When the phone is not used for a long period time, store it in a safe place with the power cord unplugged.
- Using the phone in proximity to receiving equipment (i.e., TV or radio) may cause interference to the phone.
- Do not use the phone if the antenna is damaged. If a damaged antenna contacts skin, it may cause a slight burn. Please contact an LG Authorized Service Centre to replace the damaged antenna.
- Do not immerse your phone in water. If this happens, turn it off immediately and remove the battery. If the phone does not work, take it to an LG Authorized Service Centre.

- Do not paint your phone.
- The data saved in your phone might be deleted due to careless use, repair of the phone, or upgrade of the software. Please backup your important phone numbers. (Ring tones, text messages, voice messages, pictures, and videos could also be deleted.) The manufacturer is not liable for damage due to the loss of data.
- When you use the phone in public places, set the ring tone to vibration so as not to disturb others.
- Do not turn your phone on or off when putting it in your ear.

FDA Consumer Update

The U.S. Food and Drug Administration Centre for Devices and Radiological Health Consumer Update on Mobile Phones.

1. Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the standby mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional

research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

2. What is the FDA's role concerning the safety of wireless phones?

Under the law, the FDA does not review the safety of radiation emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, the FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace, or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing of wireless phones with the best possible information on possible effects of wireless phone use on human health.

The FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the

federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Occupational Safety and Health Administration (Administración de la seguridad y salud laborales)
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

The FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. The FCC relies on the FDA and other health agencies for safety questions about wireless phones.

The FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the subject of the safety questions discussed in this document.

3. What kinds of phones are the subject of this update?

The term ‘wireless phone ’ refers here to handheld wireless phones with built-in antennas, often called ‘cell

', 'mobile', or 'PCS' phones. These types of wireless phones can expose the user to measurable radiofrequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by FCC safety guidelines that were developed with the advice of the FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called ' cordless phones,' which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures far below the FCC safety limits.

4. What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radiofrequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer causing chemicals so as to be predisposed to develop cancer in the absence of RF exposure. Other studies

exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don ’t know with certainty what the results of such studies mean for human health. Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF exposures.

However, none of the studies can answer questions about longterm exposures, since the average period of phone use in these studies was around three years.

5. What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but 10 or more years follow-up may be needed to provide answers about some health effects, such as cancer.

This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

6. What is the FDA doing to find out more about the possible health effects of wireless phone RF?

The FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radiofrequency energy (RF). The FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The project has also helped develop a series of public information documents on EMF issues. The FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. The FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA

funded research is conducted through contracts with independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

7. How can I find out how much radiofrequency energy exposure I can get by using my wireless phone?

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit radiofrequency energy (RF) exposures. The FCC established these guidelines in consultation with the FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless telephones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects. Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC website (http://www.fcc.gov/oet/rfsafety) gives directions for locating the FCC identification number on your phone so you can find your phone's RF

exposure level in the online listing.

8. What has the FDA done to measure the radiofrequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the radiofrequency energy (RF) exposure from wireless phones and other wireless handsets with the participation and leadership of FDA scientists and engineers. The standard, 'Recommended Practice for Determining the Spatial- Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques,' sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissuesimulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

9. What steps can I take to reduce my exposure to radiofrequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding

even potential risks, you can take a few simple steps to minimize your exposure to radiofrequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure. If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna. Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

10. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radiofrequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure. Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For

example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

11. What about wireless phone interference with medical equipment?

Radiofrequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, the FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by the FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. The FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so

that no interference occurs when a person uses a ‘ compatible’ phone and a ‘ compatible’ hearing aid at the same time. This standard was approved by the IEEE in 2000. The FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, the FDA will conduct testing to assess the interference and work to resolve the problem.

12. Where can I find additional information?

For additional information, please refer to the following resources: FDA web page on wireless phones (http://www.fda.gov/)

Federal Communications Commission (FCC) RF Safety Program (http://www.fcc.gov/oet/rfsafety)

International Commission on Non-Ionizing Radiation Protection (http://www.icnirp.de)

World Health Organization (WHO) International EMF Project (http://www.who.int/emf)

National Radiological Protection Board (UK) (http://www.nrpb.org.uk/)

10 Driver Safety Tips

Your wireless phone gives you the powerful ability to communicate by voice almost anywhere, anytime. An important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When operating a car, driving is your first responsibility.

When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

Safety Guidelines

1. Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.
2. When available, use a handsfree device. A number of handsfree wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.
3. Position your wireless phone within easy reach. Make sure you place your wireless phone within easy reach and where you can reach it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.
4. Suspend conversations during hazardous driving conditions or situations. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.
5. Do not take notes or look up phone numbers while driving. If you are reading an address book or business card, or writing a “to-do” list while driving a car, you are not watching where you are going. It is common sense. Don’ t get caught in a dangerous

situation because you are reading or writing and not paying attention to the road or nearby vehicles.

6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be stopped at a stop sign, red light or otherwise stationary. But if you need to dial while driving, follow this simple tip — dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Stressful or emotional conversations and driving do not mix; they are distracting and even dangerous when you are behind the wheel of a car. Make people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations — with your phone at your side, help is only three numbers away. Dial 911 or other local emergency number in the case of fire, traffic accident, road hazard or medical emergency. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a “Good Samaritan” in your community. If you see an auto accident, crime in progress

or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.

10. Call roadside assistance or a special wireless nonemergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call for emergency services. But you can still use your wireless phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured or a vehicle, you know to be stolen, call roadside assistance or other special non-emergency wireless number.

For more information, please call to 888-901-SAFE, or visit our website www.wow-com.com

Consumer Information on SAR (Specific Absorption Rate)

This Model Phone Meets the Government's Requirements for Exposure to Radio Waves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation

of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. *
Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands.

Although SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. Because the phone is designed to operate at multiple power levels to use only the power required to reach the network, in general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model.

The highest SAR value for this model phone when tested for use at the ear is 1.23 W/kg and when worn on the body, as described in this user's manual, is 0.43 W/kg.
(Body-worn measurements differ among phones models, depending upon available accessories and FCC/IC requirements.) While there may be differences between SAR levels of various phones and at various positions, they all meet

the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/ea/fccid after searching on FCC ID: BEJP505R.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at http://www.ctia.org/

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.
* Product meets current FCC & IC Radio Frequency Exposure Guidelines.
  FCC ID: BEJP505R
  IC ID: 2703C-P505R

LIMITED WARRANTY STATEMENT

1. WHAT THIS WARRANTY COVERS:

LG offers you a limited warranty that the enclosed subscriber unit and its enclosed accessories will be free from defects in material and workmanship, according to the following terms and conditions:

1. The limited warranty for the product extends for ONE (1) year beginning on the date of purchase of the product by the original end user.

2. The limited warranty extends only to the original end user of the product and is not assignable or transferable to any subsequent purchaser/end user.

3. This warranty is good only to the original end user of the product during the warranty period as long as it is in Canada.

4. Upon request from LG, the consumer must provide information to reasonably prove the date of purchase.

5. During the applicable warranty period, LG will repair or replace at LG's sole option, without charge to the original end user, any defective component part of the phone or accessory.

6. LG may use rebuilt, reconditioned or new parts or components when repairing any product or replace a product with a rebuilt, reconditioned or new product.

2. WHAT THIS WARRANTY DOES NOT COVER:

1. Defects or damages resulting from use of the product in other than its normal and customary manner.

2. Defects or damages from abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation or other acts which are not the fault of LG, including damage caused by spills of food or liquids.

3. Breakage or damage to antennas unless caused directly by defects in material or workmanship.

4. The fact that the Customer Service Department at LG was not notified by the original end user of the alleged defect or malfunction of the product, during the warranty period.

5. Products which have had their serial numbers removed or made illegible.

6. Damage resulting from use of non-LG approved accessories.

7. All plastic surfaces and all other externally exposed parts that are scratched or damaged due to normal customer use.

8. Products serviced by non-authorized persons or companies.

Notes:

1. This limited warranty supersedes all other warranties, expressed or implied either in fact or by operations of law, statutory or otherwise, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose.

2. Shipping damage is the sole responsibility of the shipping company.

3. EXCLUSION OF LIABILITY:

No other express warranty is applicable to this product.

THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN. LG ELECTRONICS CANADA, INC. SHALL NOT BE LIABLE FOR THE LOSS OF THE USE OF THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER DAMAGES, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF, OR INABILITY TO USE, THIS PRODUCT OR FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY APPLICABLE TO THIS PRODUCT.

4. HOW TO GET WARRANTY SERVICE:

To obtain warranty service, please call the following telephone number from anywhere in Canada:

LG Electronics Canada, Inc.

Tel. 1-888-LG-Canada (1-888-542-2623)

http://www.lg.com/ca_en (see links to "Support > Mobile phone support")

LG Electronics Canada Inc.
Mississauga, Ontario